

# **A Corpus-based Approach to the Chinese Word Segmentation**

Inaugural-Dissertation  
zur Erlangung des Doktorgrades  
der Philosophie an der Ludwig-Maximilians-Universität  
München

vorgelegt von

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Tag der mündlichen Prüfung: 05.07.2005

# Acknowledgements

I would like to take this opportunity to express my gratitude and appreciation for each and every person who has made the work for this project possible.

To Professor Franz Guenther, for giving me an opportunity to work under his supervision and for his unreserved support and guidance during the period of this research project.

To my fellow students Sebastian Nagel, Christopher Winestock, Johannes Goller, Felix Golcher, Aleksandra Wasiak, Li Yunbei, for providing technical support, helping me with translation and for lightening the load of work that has gone into this thesis.

To Professor Liu Qun, Dr. Zhang huaping, Xiong Deyi, Liu Yang, Chui Shiqi, Li Shuanglong from the Chinese Academy of Science, for providing me with countless pieces of advice.

To the Chinese Student Group at the CIS for their work in building the word list.

To Jake Benilov for his sizeable contribution to the translation work.

To my parents, who give meaning to my life, and my father, for probably working just as hard as I did to make this thesis possible, and for this I express my deepest respects to him and my mother.

## Abstract

For a society based upon laws and reason, it has become too easy for us to believe that we live in a world without them. And given that our linguistics wisdom was originally motivated by the search for rules, it seems strange that we now consider these rules to be the exceptions and take exceptions as the norm.

The current task of contemporary computational linguistics is to describe these exceptions. In particular, it suffices for most language processing needs, to just describe the argument and predicate within an elementary sentence, under the framework of local grammar. Therefore, a corpus-based approach to the Chinese Word Segmentation problem is proposed, as the first step towards a local grammar for the Chinese language.

The two main issues with existing lexicon-based approaches are (a) the classification of unknown character sequences, i.e. sequences that are not listed in the lexicon, and (b) the disambiguation of situations where two candidate words overlap.

For (a), we propose an automatic method of enriching the lexicon by comparing candidate sequences to occurrences of the same strings in a manually segmented reference corpus, and using methods of machine learning to select the optimal segmentation for them. These methods are developed in the course of the thesis specifically for this task. The possibility of applying these machine learning method will be discussed in NP-extraction and alignment domain.

(b) is approached by designing a general processing framework for Chinese text, which will be called multi-level processing. Under this framework, sentences are recursively split into fragments, according to a language-specific, but domain-independent heuristics. The resulting fragments then define the ultimate boundaries between candidate words and therefore resolve any segmentation ambiguity caused by overlapping sequences. A new shallow semantical annotation is also proposed under the frame work of multi-level processing.

A word segmentation algorithm based on these principles has been implemented and tested; results of the evaluation are given and compared to the performance of previous approaches as reported in the literature.

The first chapter of this thesis discusses the goals of segmentation and introduces some background concepts. The second chapter analyses the current state-of-the-art approach to Chinese language segmentation. Chapter 3 proposes a new corpus-based approach to the identification of unknown words. In chapter 4, a new shallow semantical annotation is also proposed under the framework of multi-level processing.

# Contents

<b>1</b>	<b>Introduction</b>	<b>2</b>
1.1	Comments on the Existing Standards . . . . .	3
1.1.1	The Beijing University Standard . . . . .	3
1.1.2	The ROCLING Standard . . . . .	8
1.2	The Goal of Chinese Word Segmentation . . . . .	9
1.2.1	Conclusion . . . . .	14
1.3	The CIS's Chinese Lexicon Construction . . . . .	15
1.4	Overview of the Recent Chinese Corpus in China . . . . .	19
<b>2</b>	<b>State-of-the-art Segmentation</b>	<b>24</b>
2.1	Introduction . . . . .	24
2.1.1	Description of the Unknown Word Problem and the Ambiguity Problem . . . . .	25
2.2	The Chinese Word Segmentation as a Unified Problem does not Exist . . . . .	26
2.3	Segmentation as the Combination of Training Corpus and Methods	27
2.3.1	Training Corpus . . . . .	27
2.3.2	Methods . . . . .	27
2.3.3	HMM family: such as HMM, finite state automata, source channel. . . . .	29
2.3.4	Transformation-based Learning . . . . .	31
2.3.5	The Complicated statistical methods . . . . .	33
2.3.6	Statistical enhanced Heuristic . . . . .	34
2.3.7	Iteration and Ranking Techniques . . . . .	34
2.4	Description of The Two Best Systems . . . . .	37
2.5	A Brief overview of the Chinese Word Tokenizer Developed at the CIS . . . . .	39
2.6	Conclusion . . . . .	40
<b>3</b>	<b>Domain Adaptive Segmentation</b>	<b>41</b>
3.1	Introduction . . . . .	41

3.2	Unknown Word and Domain-specific . . . . .	43
3.2.1	General vs. Domain-specific . . . . .	47
3.3	System description . . . . .	47
3.4	Proposed method . . . . .	48
3.4.1	Pure fragment filter . . . . .	50
3.4.2	Frequent single element filter . . . . .	51
3.4.3	N-gram filter . . . . .	53
3.5	Evaluation . . . . .	54
3.6	Examples of Segment Results Comparisons . . . . .	56
3.6.1	Organization Name Comparison of Our System and ICT- CLAS from the Chinese Academy . . . . .	56
3.6.2	Place Name Comparison of Our System and ICTCLAS from the Chinese Academy . . . . .	57
3.6.3	Date Comparison of Our System and ICTCLAS from the Chinese Academy . . . . .	58
3.6.4	Terminology Comparison of Our System and ICTCLAS from Chinese Academy . . . . .	58
3.6.5	Running Text Comparison of Our System and ICTCLAS from the Chinese Academy . . . . .	58
3.7	Discussion . . . . .	62
<b>4</b>	<b>Segmentation in Chinese Language Processing</b>	<b>65</b>
4.1	Introduction . . . . .	65
4.2	Comparison of Different Tagsets . . . . .	67
4.2.1	From Chinese Grammar to Local Grammar . . . . .	72
4.2.2	Conclusion . . . . .	74
4.3	A Semantical Tagset and its Application to the China Daily Corpus	75
4.3.1	A Semantical Tagset and its Application to China Daily Corpus . . . . .	77
4.3.2	Our Annotation Applied to Two Complex Sentence Ex- amples from the Original China Daily Corpus with Trans- lations . . . . .	79
4.3.3	Explanation of Our Annotation to the Two Complex Sen- tences . . . . .	82
4.3.4	Our Annotation to an Example Text from the Original China Daily Corpus with translations . . . . .	85
4.3.5	Two Category Assumption(TCA) and Multi-level Frame- work for Disambiguity . . . . .	89
4.3.6	Multi-level Processing of Chinese Text with TCA . . . . .	90

<b>A</b>	<b>Comparison of Our System and ICTCLAS</b>	<b>106</b>
A.1	Result of Our System for Chemical Text . . . . .	106
A.2	Result of ICTCLAS for Chemical Text . . . . .	163
<b>B</b>	<b>Mistakes in Some Example Texts</b>	<b>219</b>
B.1	Texts which Contains a lot of Terminological Terms . . . . .	219
B.2	Texts of News . . . . .	223
B.3	Texts of Technic . . . . .	229
B.4	Texts of Politic . . . . .	234
B.5	Mistakes Analyse . . . . .	243
<b>C</b>	<b>Resume</b>	<b>248</b>

# Chapter 1

## Introduction

The first step of any NLP task for any natural language is tokenization. For some languages, such as English or German, the word boundaries are given by whitespace or various forms of punctuation. Other languages, like Chinese, do not use whitespaces to delimit words. Therefore it is necessary to segment the Chinese text in order to represent word-boundary information. This is a very difficult task; the first difficulty comes from the fact that there is no unifying segmentation standard, neither in the field of linguistics nor in the field of computational linguistics. The second difficulty stems from technical problems, such as ambiguity and unknown words. For most computational linguistic tasks, we suspect that the most appropriate solution to the first difficulty is a segmentation under the framework of local grammar. However, starting with such a segmentation standard is impractical due to the amount of time and effort required for building a training corpus. Therefore, in section 2 we evaluate the existing segmentation standards, to find out which standard would be easiest to transform into a standard under the framework of local grammar.

For the solution to the second problem, most methods require a lexicon resource for the automatic segmentation processing. Therefore, in this chapter we introduce the lexicon resource of the Center of Information and Language



Processing (CIS). The third section introduces the CIS's Chinese lexicon construction.

Since the current state-of-the-art techniques are corpus-based, we will also discuss the corpora that are available to us. Furthermore, several interesting studies on the subject will also be surveyed in section 4.

## 1.1 Comments on the Existing Standards

After 20 years of development in the field of Chinese language processing, there are two big manually annotated corpora with POS information, and one annotated tree bank. Compared with the manually annotated corpora, the tree bank is relatively small: there are only 5000 sentences. In order to use the existing resources to construct Chinese local grammar, we will discuss the two main segmentation standards.

### 1.1.1 The Beijing University Standard

The Beijing university standard has three components:

1. A word list drawn from various dictionaries such as : 常用动词词典, 现代汉语虚词词典, 汉语频率词典, 现代汉语词典。(the most common verb dictionary, the modern Chinese grammar word dictionary, the Chinese frequency dictionary and the modern Chinese language dictionary)
2. A set of detailed rules, which include rules for the segmentation of dates, proper names, and so on.
3. A set of rules to define a new word according to morphological phenomena.

### **The Word List Used in The Beijing Standard**

The word list from this dictionary is collected according to the following principle: Entries consisting of two characters are more likely to be treated as words, compared to entries with three characters. The entries with four or more characters are generally not treated as words.

### **Some Examples of the Set of Rules**

1. In Chinese names , the surname and first name should be separated.
2. Foreign names should not be separated.
3. Country names should be not be separated.
4. Numeric words and measure words should be separated in some cases, and not in others.

### **A set of rules to define a new word according to morphological phenomena**

There are three word formation rules to build a compound word in the Chinese language, namely reduplication, prefixation/suffixation and compounding.

Reduplication is usually in the form of AA, AAB, ABB, AABB, A里AB, A不AB, ABAB (A and B are single Chinese characters).

1. AA-reduplication:
  - (a) verb reduplication, such as 看看"have a look", 走走"have a walk".
  - (b) adjective reduplication, such as 慢慢"slowly", 甜甜"sweet cake"
  - (c) noun reduplication, such as 家家"every family", 人人"all people"
  - (d) measure word reduplication, such as 个个"each of"
  - (e) adverb reduplication, such as 常常"often", 仅仅"only"

AA would be segmented as one word.

## 2. AAB-reduplication:

- (a) verb reduplication, such as 洗洗澡"have a shower", 理理发"have a haircut".
- (b) single verb reduplication, such as 试试看"have a try", 查查看"have a look".

AAB would be segmented as one word.

## 3. ABB-reduplication:

- (a) adverb reduplication, such as 孤单单"lonely", 亮堂堂"bright".
- (b) measure word reduplication, such as 一个个"some".

ABB would be segmented as one word.

## 4. AABB-reduplication:

- (a) verb reduplication, such as 比比划划"to order around".
- (b) adjective reduplication, such as 高高兴兴"happy", 舒舒服服"pleasant".
- (c) noun reduplication, such as 方方面面"all aspects".
- (d) numeration word reduplication, such as 许许多多"many".
- (e) single word adjective reduplication, such as 大大小小"big and small together".
- (f) adverb reduplication, such as 日日夜夜"day and night".

AABB would be segmented as one word.

## 5. A里/不AB-reduplication:

- (a) adjective reduplication, such as 慌里慌张"nervous".
- (b) verb/adjective reduplication, such as 相信不相信"believe or not", 容易不容易"easy or not".

A里/不AB would be separated into three words, like 相信/不/相信 "believe or not", but we prefer to separate 相信不相信 as one word since the meaning of 相信不相信 is unique.

#### 6. ABAB-reduplication:

- (a) adverb reduplication, such as 学习学习 "study".
- (b) adjective reduplication, such as 高兴高兴 "happy".
- (c) numerals reduplication, such as 很多很多 "many".
- (d) state word reduplication, such as 雪白雪白 "white"

ABAB would be separated into two words, like "雪白/雪白", but we prefer to separate ABAB as one word since the meaning of ABAB is unique.

Compounding is usually in the form of:

#### 1. Two character noun compounding:

- (a) noun + noun, such as 牛肉 "beef", 牛 means "cow" and 肉 means "meat".
- (b) verb + noun, such as 烤肉 "barbeque", 烤 means "skewer" and 肉 means "meat".
- (c) adjective + noun, such as 红茶 "red tea", 小床 "small bed". We think that 小床 "small bed" is unique and should not be separated into two words, such as 小/床.

#### 2. Three character noun compounding:

- (a) verb (two characters) + noun (one character), such as 证明信 "letter of confirmation".
- (b) noun (two characters) + noun (one character), such as 牛仔服 "jeans".
- (c) noun (one character) + noun (two characters), such as 手指甲 "fingernail", 电暖壶 "electric thermos". In the Beijing standard, "electric thermos" is defined as two words but we prefer it to be one word.

- (d) adjective (one character) + noun (two characters), such as 老姑娘 "old lady". In this standard, "old lady" would be defined as one word, and 甜点心 "sweetheart" would be defined as two words. We think that both should be defined as one word.
- (e) adjective (two characters) + noun (one character), such as 美丽岛 "beautiful island". In this standard, "beautiful island" would be defined as one word, but 贫困县 "poor village" would be defined as two. We think that both should be defined as one word.

### 1.1.2 The ROCLING Standard

The ROCLING standard was fixed and applied to a corpus containing 5 million words by the Institute of Linguistics of the Academia Sinica. This standard has two basic principles for determining the segmentation units:

1. A string, whose meaning cannot be derived by the sum of its components, should be treated as a segmentation unit.
2. A string, whose structural composition is not determined by the grammatical requirements of its components, or a string which has a grammatical category other than the one predicted by its structural composition, should be treated as a segmentation unit.

Based on these two principles, there are further rules for segmentation:

- Bound morphemes should be attached to neighbouring words to form a segmentation unit whenever possible.
- A string of characters that has a high frequency in the language or high co-occurrence frequency among the components, should be treated as a segmentation unit when possible.
- Strings separated by overt segmentation markers should be segmented.
- Strings with complex internal structures should be segmented whenever possible.

As we shall see, these rules are too abstract and many inconsistencies arise.

## 1.2 The Goal of Chinese Word Segmentation

In the field of contemporary computational linguistics, no matter what model we use or which domains we analyze, there are always exceptions. We realize that it is probably too early to derive abstract rules for any language [Gross 1997]. We should continue our attempts to give detailed descriptions of linguistic phenomena [Gross 1999]. In order to do this for Chinese, we must first apply segmentation methods. This is necessary as, unlike English, Chinese doesn't use whitespace to separate words. In order to satisfy the needs of natural language processing, it is of great importance to identify the arguments and the predicate within an elementary sentence. In lexicon-grammar theory [Gross 1994], argument and predicate are the central concepts. The local grammar framework is the computational method underlying the lexicon-grammar theory [Gross 1997]. Local grammar can be constructed for Chinese (or for any other natural language), but this presupposes an adequate Chinese word segmentation.

### **The Goal of the Chinese Word Segmentation is the Construction of a Local Grammar**

The major assumption of Lexicon Grammar is that the unit of meaning is not located at the level of the word, but at the level of elementary sentences, and the main components of an elementary sentence are predicate and argument [Gross 1997], [Gross 1994]. Local grammars are computational implementations of the lexicon-grammar theory. They are finite-state grammars that represent sets of utterances of a natural language [Gross 1997]. These finite-state grammars can be represented as graphs, in which local grammars around a keyword or equivalently around a semantic unit are presented. These graphs can be used to parse the texts and recognize meaningful strings, practically always disambiguated.

## Two Essential Properties of The Chinese Language and the Local Grammar

The Chinese language can be described in the form of local grammars , for two reasons :

1. Each single character in the Chinese language can be treated as a token in the lexical representation. If we add a feature of the boundary of multi-word lexeme in the local grammar, then we can have all the Chinese word always disambiguated.
2. The comma in Chinese can be treated as the utterance boundary, and sometimes even as an indication of the boundary of elementary sentences.

### Chinese Characters and the Use of Finite Automata in the Lexical Representation is a Possible Solution to Ambiguity Problems

Unlike syllabic languages, such as English or German, each Chinese character can be treated as a word, and all of the entries in lexicon or other segment units can be treated as multi-word lexemes. For example :

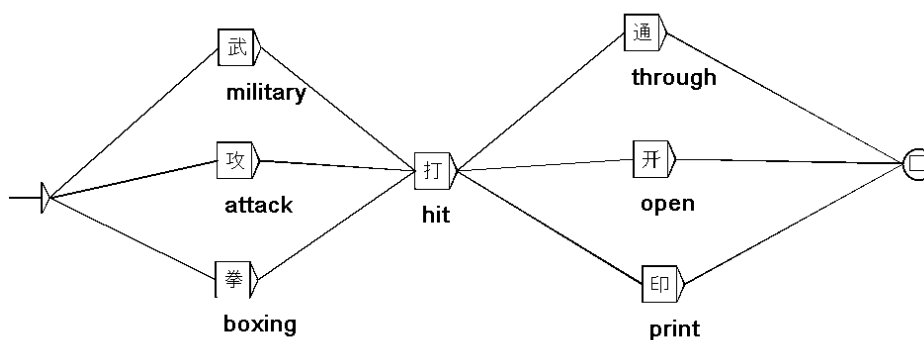


Figure 1.1: The Chinese Single Character as a Word and Multi-word Lexeme in Lexicon Representation



This can give us a new perspective on Chinese language processing. For example, Xu Tong Jiang [Xu 2004] argues that the smallest unit in Chinese language is not a word but a single character. We reach predicate structures in fewer steps compared to the syllabic languages, as we use characters instead of syllables.

### **Comma in Chinese as the Boundary of Utterances**

In the history of Chinese written language, punctuation is a fairly new development - until 1940 most Chinese texts were written without any punctuation at all. Even after 60 years of experience, the Chinese people use the comma and full stop interchangeably, as there are no strict rules regarding when one or the other should be used. Moreover, compared to English, Chinese writing tends to be made up of short sentences, and commas are used more frequently [Lin 2000]. In English, the average use of commas per sentence is 0.869 to 1.04 [Hill 1996], and in Chinese it is 1.792, which is one and a half to two times more than in English. In Korean, the comma is used even less than it is in English [Lin 2000]. [Nunberg 1990] classified commas in English into two categories, delimiter comma and separator comma, by whether the comma is used to separate the elements of the same type or not. While a delimiter comma is used to separate different syntactic types, a separator comma is used to separate members of conjoined elements. The commas in Chinese are also classified into Nunberg's two categories [Jin et al. 2004]. However, we argue that:

1. These two categories (delimiter comma, and separator comma) are subjective classifications, and so inconsistencies could arise amongst different annotators.
2. In Chinese, the use of a full-stop in a sentence is also imprecise. An occurrence of the full-stop does not necessarily signify the end of the sentence, as sometimes a comma is used instead. We cannot focus on the comma without analyzing the full-stop as well.

3. In the last chapter, we will argue that the Chinese language is a paragraph-oriented language. If we treat the comma and full-stop as delimiters of an utterance, and the paragraph as a delimiter of a meaning group, then it will be more convenient for us to process the Chinese language. Its syntax is very flexible and semantic rules are more useful than syntactic rules. For example, it is very common for a word to have more than one POS.

Therefore, if we change all the commas to full stops, then all the sentences will become utterances, which are convenient for the construction of local grammars.

### **The Adaptation of the Beijing Standard to a Local Grammar**

As we have discussed, the China Daily corpus, to which the Beijing standard is applied, is the most consistent annotation (compared to other corpora and other standards); it is also the largest in size, soon reaching 30 million words. It is practical for us to adapt this corpus to a local grammar. Here we show some examples of how we deal with this corpus.

### **The Adaptation of the Beijing Standard to a Local Grammar—adaptation of the Predicate**

According to the famous definition of the "meaning unit" by Gross [Gross 1997] ("the unit of meaning is not located at the level of the word, but at the level of elementary sentences"), we can extract such local grammar for predicate-argument structures. In most existing lexica, words which are tagged as propositions and verbs would be two types of words. According to Gross, we replace both meaning types with a single type of tag: a predicate type. As a result, the new unit becomes the unit of segmentation. An example is shown in Figure 1.2.

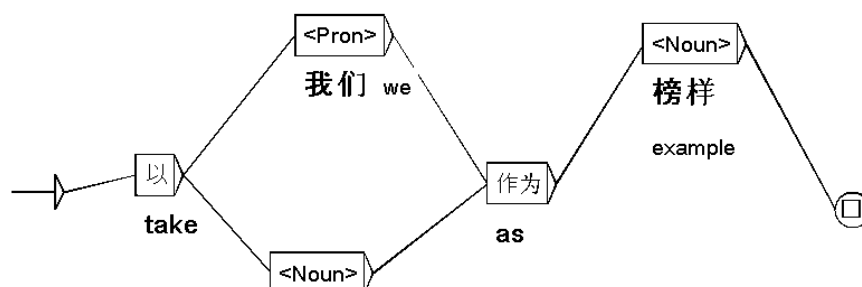


Figure 1.2: The Adaptation of the Beijing Standard to a Local Grammar: An Example of Adaptation of the Predicate

### The Adaptation of the Beijing University Standard to a Local Grammar— Adaptation of Organization Names

Names of organisations are always arguments in elementary sentences. The local grammar can assist with recognition of such names, and with the Beijing standard we can construct a local grammar for this purpose. Here is an example in Figure 1.3:

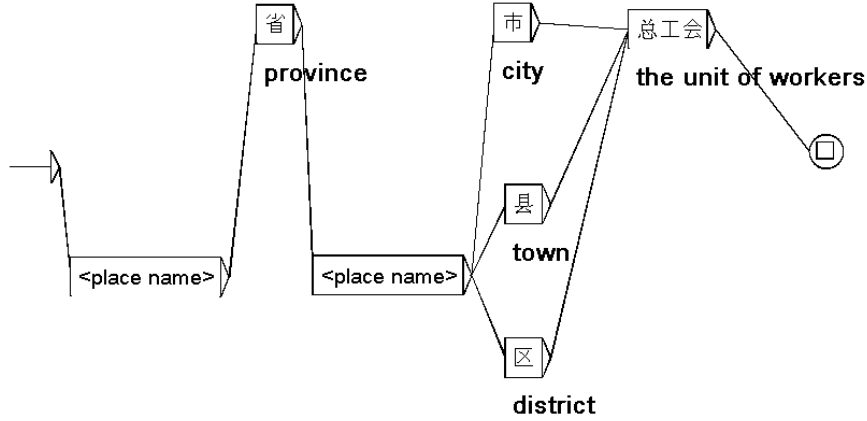


Figure 1.3: The Adaptation of the Beijing Standard to a Local Grammar: An Example of Analysis of the Organization Names

### Practical Reasons for Choosing the Beijing Standard as the Baseline in this Thesis

There are three reasons for choosing the Beijing standard as the test standard in this thesis.

- It is the most consistent standard, and the closest to a local grammar.
- It is the largest , with 13 million words, and soon to be 30 million. The others are no more than 5 million in size.
- To allow us to compare our segmentation approach to the approaches taken by other studies.

#### 1.2.1 Conclusion

Why we do we say that our method for Chinese word segmentation is the first step towards a local grammar for the Chinese language? The goal of Chinese word segmentation is to satisfy the need of natural language processing in the

discipline of computational linguistics. Through the identification of predicate and argument structure in an elementary sentence, we can achieve this goal. We have given some detailed examples to illustrate how to adapt the corpus under the Beijing standard to a local grammar for Chinese language. This is preparation for the next step - to identify the predicate and argument. Therefore we conclude that our segmentation is the first step towards a local grammar.

### 1.3 The CIS's Chinese Lexicon Construction

The Center of Information and Language Processing (CIS) at the Ludwig-Maximilians University in Munich has recently focused on the Chinese word segmentation, and two Master's theses of interest ([Tao 2001] ,[Li 2005]) have been produced on the subject. Over the past three years, we have been developing a comprehensive word list, as the basis of a segmenter for the Chinese language. In this section, we will introduce this lexicon and the outline of a segmentation system.

In Chinese word segmentation, it is very important to construct a complete word list, because methods using good word lists (e. g. a dictionary) for word segmentation yield better results than those that do not. This will be discussed in Chapter 2.

As of April 2005, the CISLEX for the Chinese language currently contains 497,433 entries.

Table 1.1 shows the breakdown of the Chinese CISLEX.

1. Chinese place names are encoded in GB-Ascii, they are concatenation of several lists off the Internet.
2. Non-Chinese surnames with their Chinese transliteration are also encoded in GB-Ascii.
3. Chinese surnames are presented as surname-frequency pairs.

4. Chinese surname-first name pairs were downloaded from <http://www.mandarintools.com/> and other free websites.
5. Verb-noun compounds were also obtained from <http://www.mandarintools.com/>
6. Of the 201,143 words annotated by hand with only POS information, 146,668 entries are extracted from The People's Daily Corpus, and of the remaining 54,475 entries, around 40,000 were annotated by Liu, and the rest by other Chinese students. To match the People's Daily Corpus annotation, the annotation of 54,475 words was also done following the set of POS from the Beijing standard, as shown in Table 1.3. Every entry is marked with a tag; The entries with "/" are annotated by Liu and other students, where as the entries without "/" are extracted from The People's Daily Corpus.
7. The raw word list was downloaded from [http://www.mandarintools](http://www.mandarintools.com/) and other websites.

Table 1.2 lists the corpora we have access to.

1. The Hong Kong University Corpus is tokenized in the Hong Kong University standard.
2. The CIS has licensed the Chinese Penn Tree Bank and the People's Daily Corpus. The People's Daily is the training Corpus we take to train our tokenizer. An example of the Corpus would be:

19980101-01-001-007/m 1 9 9 7 年/t , /w 是/v 中国/ns 发展/vn 历史/n 上/f 非常/d 重要/a 的/u 很/d 不/d 平凡/a 的/u 一/m 年/q 。 /w 中国/ns 人民/n 决心/d 继承/v 邓/nr 小平/nr 同志/n 的/u 遗志/n , /w 继续/v 把/p 建设/v 有/v 中国/ns 特色/n 社会主义/n 事业/n 推向/v 前进/v 。 /w [中国/ns 政府/n]nt 顺利/ad 恢复/v 对/p 香港/ns 行使/v 主权/n , /w 并/c 按照/p “/w 一国两制/j ” /w 、 /w “/w 港人治港/l ” /w 、 /w 高度/d 自治/v

Type of lexicon	Entries
Chinese place names	15,303
Non-Chinese surnames with their Chinese transliteration	33,507
Chinese surnames together with first name	217,913
Chinese surnames	619
Verb-noun compounds	28,948
Words annotated by hand	201,143
Words still to be annotated by April	138,788

Table 1.1: Breakdown of Lexicon

Corpus	Size (No. of Words)	Description
Hong Kong University	1 million	tokenized
Sinica Corpus	2.8 million	segmented
Chinese Penn Tree Bank	225,235 words and phrases	tagged for POS/function
How Net(wordlist)	66,107	
Words with Pinyin	80,342	
People's Daily	six-months period	tagged with POS

Table 1.2: Corpora Included

的/u 方针/n 保持/v 香港/ns 的/u 繁荣/an 稳定/an 。 /w [中国/ns 共产党/n]nt 成功/a 地/u 召开/v 了/u 第十五/m 次/q 全国/n 代表大会/n , /w 高举/v 邓小平理论/n 伟大/a 旗帜/n , /w 总结/v 百年/m 历史/n , /w 展望/v 新/a 的/u 世纪/n , /w 制定/v 了/u 中国/ns 跨/v 世纪/n 发展/v 的/u 行动/vn 纲领/n 。 /w

3. The rest of the corpora are obtained free from the Internet.

Tag	Description	Occurrence
Ag	bound adjectival morpheme	175
a	unbound adjective	4,823
ad	de-adjectival adverb	109
an	de-adjectival noun	166
b	attributive adjective	1,728
c	conjunction	246
Dg	bound adverbial morpheme	13
d	unbound adverb	1,709
e	exclamative	77
f	directional adverb	594
h	prefix	20
i	syntactically opaque idiom	7,657
j	abbreviation	3,078
k	suffix	9
l	set phrases	7,994
m	numeration	17,199
Ng	bound noun morpheme	742
n	unbound noun	66,179
nr	person's name	21,963
ns	place name	11,179
nt	organisation	2,278
nz	other proper nouns	4,159
o	onomatopoeia	240
p	preposition	177
q	classifier	838
r	pronoun	801
s	locative noun	593
Tg	bound temporal noun	16
t	unbound temporal noun	1,992
u	auxiliary	45
Vg	bound verb morpheme	436
Vd	de-verb adverb	60
vn	de-verb noun	3,167
w	punctuation mark	65
y	aspect marker	77
z	stative	1,146
v	Verb	26,955

Table 1.3: Tags Used in The People's Daily Corpus.



## 1.4 Overview of the Recent Chinese Corpus in China

Since most of the methods for the segmentation of Chinese words involve a corpus-based approach, and since we also use corpora like the China Daily corpus, it is necessary to give an overview of Chinese corpora. In table 1.4 we show an example of an unannotated Corpus, and in table 1.5 an annotated one [Wang 2001]. We also adapt the lexicon from the How-net lexicon project in table 1.6. Finally we give an overview to the national level project in China as shown in table 1.7. Because the China Daily Corpus is converted to the Beijing University standard, so we choose it as our training corpus.

In Chapter 2, we will explain why this is useful.

Corpus	Si4 ku4 Quan2 shu1
Contains	3000 year up to 1772
Size	800M Characters
Tools	Character-retrieving tools
Copyright	183 CD(1999 Digital Heritage Publishing Ltd Hong Kong)
Corpus	Scripta Sinica
Contains	Classical Humanities
Size	140M Characters each year 10M
Manual	not annotated
Copyright	47M Characters freely accessible on the Internet
Corpus	The Modern Chinese Language Corpus (MCLC)
Contains	Texts from 1919 to the 1990s 59.6 percent humanities and 17.24 percent natural science 13.79 percent newspaper material and 9.36 percent miscellaneous class Transcriptive of Spoken Language
Size	20M
Manual	not annotated
Copyright	under development?
Corpus	Synchronous Linguistics Variation in Chinese Speech Communities (LIVAC) Corpus
Contains	Chinese newspapers and electronic media in Beijing Hong Kong Macau Shanghai and Singapore within this ten years
Size	70M with 400,000 word forms in the electronic dictionary
Manual	not annotated
Copyright	16M with 190,000 word forms have been made available online City University of Hong Kong

Table 1.4: Large-scale text databases

Corpus	The Academia Sinica Balanced Corpus(version 4.0)
Contains	texts from different fields, registers and domains
Size	5M Chinese words
Manual	tokenised, tagged and automatically syntactically analyzed
Copyright	Free
Corpus	The Corpus of the Contemporary Chinese Language
Contains	Contemporary Chinese
Size	6M characters
Manual	per machine and high quality
Copyright	Department of Chinese and Bilingual Linguistics at the Hong Kong University of Science and Technology(HKUST)
Corpus	China Daily
Contains	6 months People's Daily
Size	13M characters
Manual	Annotated by hand
Copyright	Beijing University
Corpus	Huayu
Contains	modern Chinese
Size	2M characters,treebank of 10000 Chinese sentences
Manual	Cseg and tag 1.0 and then manually checked
Copyright	The State Key Laboratory of Intelligent Technology and Systems (Key lab) Tsinghua University

Table 1.5: Annotated Corpora

Lexicon	Grammatical Knowledge Base of Contemporary Chinese -a Complete Specification
Contains	50,000 Chinese Words are classified into 25 types 73,000 Chinese word entities with rich variety of grammatical attributes and statistical information adopted by around 20 information processing systems within and outside China
Copyright	ICL of the Beijing University
Lexicon	How-net
Contains	concept-based, semantically organized knowledge system for natural language processing 50,000 Chinese word forms related to 62,000 Chinese concepts and 55,000 English equivalents related to 70,000 English concepts individual concepts are first described semantically and then organized into a dynamic network. Character Group replace the word concept. a promising basis for the semantic grammar in Chinese
Copyright	free online
Lexicon	Electronic information database of Chinese characters and words (The Standard Segmented Dictionary)
Contains	80,000 Chinese entities with parts of speech, word frequency and pronunciation data
Copyright	Academia Sinica
Lexicon	A Chinese Word Segmentation Standard for Information Processing
Contains	compiled by combining the linguist's judgment with corpus-based statistics from a 100-million-word Chinese corpus
Copyright	Sun and Zhang 1997
Lexicon	Comprehensive Dictionary of the Chinese Language
Contains	compiled by more than 1,000 scholars in mainland China more than 400,000 entries claims to be the most sophisticated multimedia dictionary
Copyright	CD-ROM by Chinese Dictionary Press and Commercial Press Hong Kong Ltd.

Table 1.6: Lexical Databases for Information Processing

Project	Statistical Inter-Lingual Conversion (SILG) Project
Corpus	60 Mb English/Chinese parallel corpus
Result	a precision of 96% in aligning sentence pairs (Wu and Xia 1995)
Location	Computer Department of City University of Hong Kong
Project	Live Dictionary Construction
purpose	to extract on-line key terms and language data
Technique	PAT-tree
Result	a Precision of 72% and Recall of 65.5%
Location	Academia Sinica and National Taiwan Uni (Lee and Chien 2000)
Project	The national-level 863 Project
purpose	Chinese/English Abstracting System
Result	Better than Office 97
Location	Jiao tong University Shanghai
Project	95national project-Disambiguation and Segmentation and Proper Name Recognition
Corpus	Corpus for Disambiguation 80,000 words Corpus for 18861 names Corpus for 88026 Chinese Geography names
People	Kaiying Liu
Location	Shan Xi university
Project	95 national project- The construction of Chinese words
Result	only about 2860 characters can be used to construct new words
People	Yuan Chunfa
Location	Qing Hua university
Project	95 national project-Chinese verb study
Corpus	modern Chinese verb machine dictionary
Contains	about 3002 detailed verb description
Location	Qing hua university,china people university, Beijing culture university

Table 1.7: Some Interesting Project Concerning Chinese Language Processing

## **Chapter 2**

# **Comments on the state-of-the-art in Chinese Segmentation**

### **2.1 Introduction**

The Chinese word segmentation problem has already attracted attention for more than 20 years. In this chapter we will classify the current methods according to their purpose (either for ambiguity, or for unknown words). Firstly, the unknown word problem and the ambiguity problem will be illustrated. Then, we will argue that for Chinese word segmentation, a unified training approach does not exist. The problem is always split into ambiguity resolution and new word detection, each of which require different training methods. We analyse the methods in detail, classifying each step as belonging either to ambiguity resolution, or to new word detection. We conclude that all the analysed methods have two common disadvantages:

1. They are unable to adapt to previously unencountered domains.
2. The algorithm execution speed is not fast enough to be useful in real life applications, for instance, search engine applications.

### 2.1.1 Description of the Unknown Word Problem and the Ambiguity Problem

#### The Unknown Word Problem

We refer to those words that do not exist in the dictionary of the specified system, as unknown words. There are two reasons why we need to solve this problem:

1. New words come into use every day in order to describe new phenomena.
2. The limitations of human resource: it is not possible to have a perfect dictionary, which contains all possible words.

There are two essential differences between the unknown words in Chinese and unknown words in English:

1. The coverage of the problem is in a different level of natural language processing. Assuming that the procedure of natural language processing can be divided into four levels:
  - a) Syllable
  - b) Word
  - c) Phrase
  - d) Sentence

The unknown words in English appear at the word level, whereas in the Chinese language the unknown word problem occurs at all the levels.

2. The occurrence of unknown words in Chinese is more frequent than in either English or German. A new word can occur in almost every sentence. Experience shows that unknown word occurrence is between 6-25%, if we compare all hand-annotated corpora to a randomly selected Internet web page. On the contrary, if we build a English language corpus from analysis of a newspaper for a year, there are very few occurrences of unknown words which do not exist in any dictionary.

Therefore, identifying unknown words in Chinese remains a fundamental problem. Recent studies (e.g. [Sproat and Emerson 2003]) show that more than 60% of word segmentation errors result from unknown words, namely new words that are not stored in a dictionary.

### **The Ambiguity Problem**

There are two types of ambiguity problems:

1. Overlapping e.g. say, AB and BC are both words in the dictionary. Then given a string ABC, how do we separate it: into A/BC or AB/C?
2. Join ambiguity: given 3 characters A B C, do we join them as AB/C, ABC or A/BC? To this question, most native speakers will answer: all cases are valid. Therefore this type of ambiguity is not our focus.

## **2.2 The Chinese Word Segmentation as a Unified Problem does not Exist**

For Chinese word segmentation, a unified training approach does not exist. The problem is always split into ambiguity resolution and new word detection, each of which require different training methods. There are some systems, such as [Zhang et al. 2003], which calculate the probability for the whole sentence. We argue that this is unnecessary, because after applying the maximum matching algorithm with a word list, we can get 70-90% accuracy for the whole text. The reason for the width of the accuracy range is related to the fluctuations of ambiguity and unknown words in the processed text. Hence calculating the probabilities for this non-ambiguous text is a waste of processing time. Therefore the purely statistical approaches without a word list produce bad results [Sproat and Shih 2001], and so are not discussed in this thesis.



## 2.3 Segmentation as the Combination of Training Corpus and Methods

Most of the existing systems are a combination of Training Corpus and Methods, as shown in Figure 2.1.

### 2.3.1 Training Corpus

There are four types of Training Corpora:

1. Raw unsegmented Corpora.
2. Segmented Corpora.
3. Segmented Corpora with POS annotation.
4. Special tag set for each character in a word.

### 2.3.2 Methods

1. HMM family: HMM, finite state automata, source channel.
2. Transformation- based.
3. Complicated statistic method, such as :Maximum Entropy and vector space.
4. Heuristic.
5. Iteration with some ranking techniques.

We can illustrated then in the following figure:

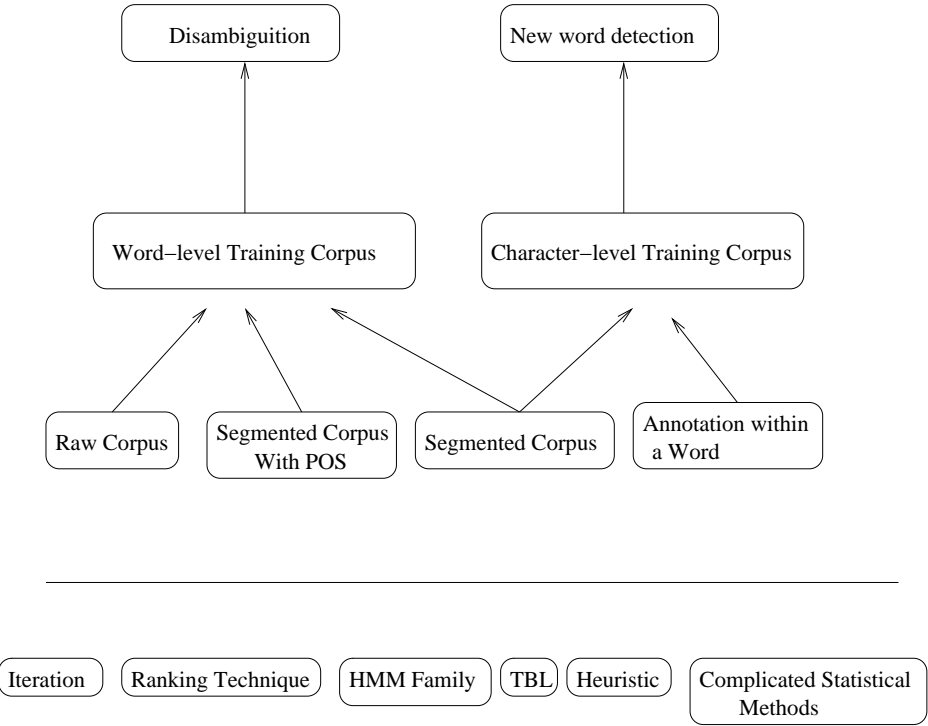


Figure 2.1: Overview of Methods for Chinese Word Segmentation.

### 2.3.3 HMM family: such as HMM, finite state automata, source channel.

Figure 2.2 shows an overview of the HMM-family Algorithm.

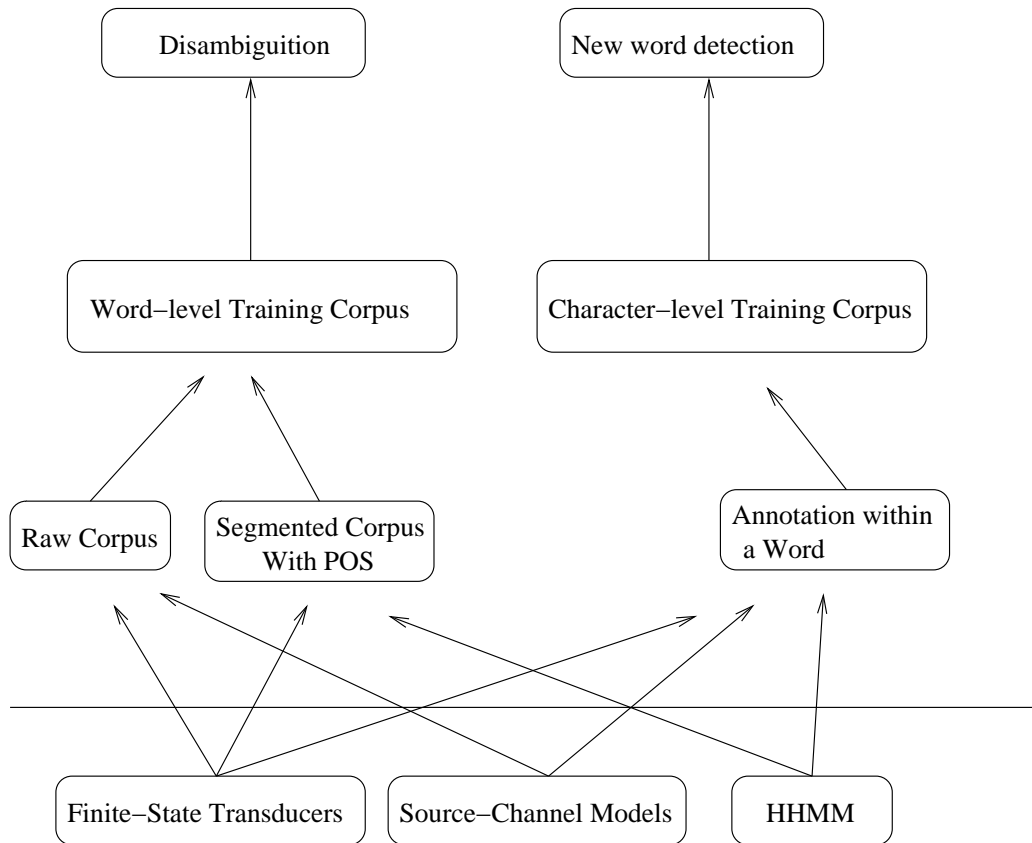


Figure 2.2: The Overview of HMM-family Approches

Since [Sproat et al. 1996], the finite state automaton approach has been the most important method for Chinese word segmentation, for both disambiguation and new word identification.

For ambiguity, Sproat uses firstly a word list to segment a raw corpus, and then estimates the Bigram probabilities for each entry in the word list using the maximum likelihood principle. Similar work can be found in

[Ge et al. 1999], [Peng and Schuurmans 2001], [Peng and Schuurmans 2001], [Gao et al. 2002]. A simple version can also be found in [Ando and Lee 2000], called the TANGO algorithm.

For new word identification, bigram probabilities are also estimated for each character within each entry in the word list. If a certain string of characters has a total probability above a threshold, then it is accepted as a new word.

The same methodology is also used to handle the following three types of new word problems: Chinese Personal Names, transliterations of foreign words, Morphological units.

In 2003, Gao [Gao et al. 2003] suggested in his source-channel model that "class model probability" and "context model probability" can be combined through simple multiplication, some weighting is added in this multiplication in practice. Regarding the context model probabilities, Gao's model uses the same approach as Sproat: these probabilities are derived from the segmentation of the raw corpus. However Gao's model uses a different corpus with a word list, and instead of a Bigram model, a maximum expectation model is used. Regarding the class model, for each of the following five classes of new words, a new class model was built:

- (a) Morphologically derived words.
- (b) Person names.
- (c) location names.
- (d) organization names.
- (e) transliterations of foreign names.

Similarly, Zhang in [Zhang et al. 2003], used HMM to train for person names, geographic names and organization names. A special tag was allocated for each character in a word; for example, the first character of a family

name would be tagged as "surname". This ideal is probably comes from Supertagging [Srinivas and Joshi 1999]. Since the large China Daily corpus was available at that time, they used a HMM for disambiguation and POS at the same time. The basic ideas of these three important papers in ACL are almost the same, therefore, we name them HMM families. Similar works can be found in [Chen and Chen 1994], [Kohlmorgen and Lemm 2001].

### 2.3.4 Transformation-based Learning

#### The Formal Description of TBL

We use the following formal descriptions to make us understand the Transformation-Based Learning (TBL):

- Notations.
- TBL formal description.

#### Notation

- $\chi$  denotes the set of examples , e.g. for POS is the set of words.
- $C$  denotes the set of classifications, e.g. for POS is the Tagset.
- $S$  denotes the set of relations between  $\chi$  and  $C$ .
- $\pi$  denotes a predicate relation in  $S$ , e.g :  
 $(word_{-1}, tag_{-1}) = (car, NN) \text{ and } (word_0, tag_0) = (exited, VBK)$
- $r$  denotes a rule, it contains (  $\pi$ ,  $C$  ). A rule such as  $r = ( \pi, C )$  will be used on the example  $s$ , if  $\pi$  be satisfied. e.g:

$$r = ( pos_{-1} = MD \quad \text{and} \quad pos_0 = VBD, pos = VBN )$$

- $r(s)$  denotes the result after using the rule  $r$  on the state of  $s$ , and will be defined in formal :

$$r(s) = \begin{cases} s & \text{if } \pi(s) = false \\ (x,c) & \text{if } \pi(s) = true \end{cases}$$

- $T$  denotes the annotated Corpus, and  $\bar{T}$  denotated the test Corpus.
- $Score(r)$  denotes the score of a rule:

$$Score(r) = \sum_{s \in T} score(r(s)) - \sum_{s \in T} score(s) \text{ whereas:}$$

$$score((x,c)) = \begin{cases} 1 & \text{if } c = \text{truth}(x) \\ 0 & \text{if } c \neq \text{truth}(x) \end{cases}$$

### TBL Algorithm

- (a) Initialization: give each example a classification.
- (b) use all the rules on training Data  $T_k$  , and choose one best noted rule:  $score(r)$ . And use the best noted rule on the whole corpus. That is:  

$$T_{k+1} = r(T_k)$$
- (c)  $k = k + 1$
- (d) go to step 2.

The based idea behind TBL is simple: one starts with hand-annotated segmented Chinese Corpus and an inventory of possible transformations, such as in Palmer's system:

- Insert-place a new boundary between two characters.
- Delete-remove an existing boundary between two characters.

- Slide-move an existing boundary from its current location between two characters to a location 1, 2, or 3 characters to the left or right.

Moreover, the Gao 2004 uses the TBL for adaption of the segmentation standard. They use similar inventory as Palmer, like Insertion and Deletion. A similar method is used in [Palmer 1997] and [Chen and Bai 1998]. It is a single method that can handle both ambiguity and new word together, where as they are weak in the new word detections, because the character-sequence between two single words which never appear together will not be together. One can say it does a little for the new word detection, it is probably only for standard adaptation or disambiguity. In [Yao et al. 2002], transformation-based machine learning is adopted because it is suitable to fix Chinese word segmentation and POS tagging errors and produce effective correcting rules automatically.

### 2.3.5 The Complicated statistical methods

[Goh et al. 2003] use the support vector machine for Chinese new word identification. [Peng 2004] demonstrates the ability of linear-chain conditional random fields (CRFs) to perform robust and accurate Chinese word segmentation by providing a principled framework that easily supports the integration of domain knowledge in the form of multiple lexicons of characters and words.

[Xue et al. 2002] use maximum entropy on the character tagged corpus, it works for both unknown word and disambiguity, and then they clear it up with transformation-based methods. We do not necessarily think that a more difficult model yields better result, but we do think it is not enough for new word detection, since the new word formation should be very similar to the training set. [Luo and Sun 2002] used some variation of Vector Space to handle the ambiguity problem.

[Teahan 2000] describes a scheme that infers appropriate positions for word boundaries using an adaptive language model that is standard in text compression. For the segmentation of speech, a complicated statistic method was used in such as: [Brand 1999], [Brand 1999a], [Brand 1998], most of them are entropy families. [Huang and Powers 2003] calculate both left and right contextual entropy values for each bigram occurring in the corpus.

The conceptual networks are also used for disambiguity [Gan et al. 1996], later also in [Lu et al. 2004].

[GOH et al. 2004] combine different models, such as the support vector machine model, the Markov model, the maximum entropy model. Combining those models is difficult and slow, therefore this method reaches its limit.

### 2.3.6 Statistical enhanced Heuristic

[Jin 1992] provides a typical heuristic for disambiguity, where an attempt is made to balance the length of words in a three-word window.

In [Wu and Jiang 2000] the Independent Word Probability( IWP) of a single character is the likelihood for this character to appear as an independent word in text , whereas the Anti-word probability is a binary feature derived from IWP. We classify mutual information also as statistical enhanced Heuristic [Wu and Su 1993],[Su et al. 1994].

[Ma and Chen 2003] use a set of 45839 rules, and then mutual information (MI), a variant of Mutual information (VMI) , t-score and co-occurrence are used in a Bottom-up Merging Algorithm.



### 2.3.7 Iteration and Ranking Techniques

In this approach, the work of [Chang and Su 1997] and [Chang 1997] are prominent, so we examine closely how the system manages to improve precision and record improved monotonically. The figure 2.3 shows a general process of the iterative and ranking method.

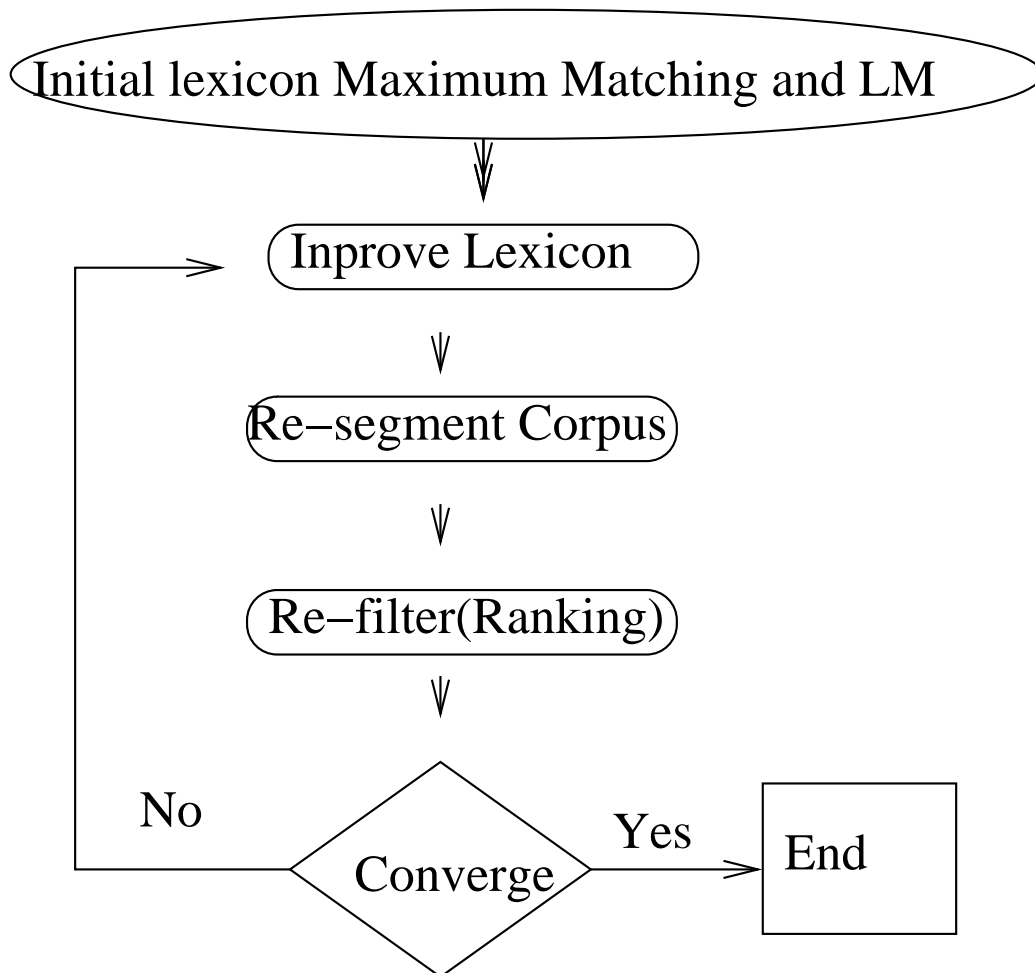


Figure 2.3: The Iterative and Ranking Method

According to our experiences on the new word problem, the new word candidate should be in one of three types:

- (a) A correct new word.
- (b) A correct new word with one or more single-character words preceding or following it.
- (c) Some sequence of single-character words (where no subsequence is a new word).

As demonstrated in the Figure 2.3, in this approach two iterative processes are used. The first process uses Viterbi training to re-segment the text. The second process uses the Likelihood Ratio Ranking Model to re-filter the new word candidates.

We can heuristically explain the first iteration: in the first iteration, type b can be re-segmented correctly. The reason is that the single-characters (preceding or following the new word) are all known words, and have high probability to be a word. In this iteration, Viterbi training functions to separate the single-character words from the new word candidates and of course the type c are also separated into single-character words.

We can also heuristically explain the second iteration: the complicated ranking model, such as Likelihood Ratio Ranking Model, decides whether a fragment is a single-character word sequence, or a new word, according to the similarity to the known word. It obviously works for all 3 types. In Chapter 3, we will see how our model handles these three types of new word candidates. Similar approaches can be found in [Lai and Wu 2000] and [Zhao et al. 2000], especially [Zhao et al. 2000].

## 2.4 Description of The Two Best Systems

[Zhang et al. 2003] was one of the best systems in the First Sighan's bakeoff and [Low et al. 2005] was the best system in the Second Sighan's bakeoff. In [Zhang et al. 2003], the Hierarchical Hidden Markov Model(HHMM)-based Chinese lexical analysis comprises of five levels: atom segmentation, simple and recursive unknown words recognition, class-based segmentation and POS tagging.

- (a) Atom segmentation. The bottom level of HHMM, is the initial step. Atom is defined to be the minimal segmentation unit that cannot be split at any stage. The atom consists of Chinese characters, symbol strings, numeric expressions and other non-Chinese char string. For example: 2005.9. Mr. 刘出生了。 will be segmented as 2005.9/Mr./刘/出/生/了/。 / In this HMM, the original symbol is observation where as the atom is state.
- (b) Segmentation Class-based HMM. In this HMM, only Person names and Local Names would be recognized. The set of states are set as: Previous word in dictionary of a person name, Next word in dictionary of a person name, Surname, First token of 2-Hanzi given name, Suffix, Token in transliterated name, Remote context... The observation are then the atoms.
- (c) Also Segmentation Class-based HMM. Since there are some complex unknown words, such as 周恩来和邓颖超纪念馆(Memorial Hall of Zhou En-Lai and Deng Yun-Chao). They can be recognized through the recursion of the second HMM.
- (d) In this Level of HMM, they use LEX+9, as the states of HMM. LEX+9 means: there are 10 states, such as LEX: the words in the segmentation Lexicon. PER: Personal name unlisted in the segmentation Lexicon.

LOC: Location name unlisted in the segmentation Lexicon. ORG: Organization name unlisted in the segmentation Lexicon. TIME: Time expression unlisted in the segmentation Lexicon. NUM: Numeric expression unlisted in the segmentation Lexicon. STR: Symbol string unlisted in the segmentation Lexicon. BEG: Beginning of a sentence. END: ending of a sentence. OTHER otherwise.

(e) POS Tagging.

They use n-shortest-path based rough segmentation between first and the second level of HHMM as the disambiguation strategy. This algorithm generates all the possible segmentations strings based on the segmentation Lexicon and choose the 10 string with lest words in the sentence. After running the other 4 levels HMM on all the ten possible sentences, the system chooses the one with highest possibility.

In the work of [Low et al. 2005], a Maximum Entropy Approach to Chinese Word Segmentation is introduced. They use the online opennlp maximum entropy package v2.1.0 from [Http://maxent.sourceforge.net](http://maxent.sourceforge.net), and then they specify the basic Features [Ng and Low 2004]:

- (a) The current character.
- (b) The character n positions to the right of the current character.
- (c) The character n positions to the left of the current character.
- (d) The punctuation feature, such as "?", "-", ",", ".".
- (e) Other features such as Dates, latin letters.

The maximum entropy as the disambiguation strategy is not a new idea, but how can they have the best result of all the 20 systems? Because they have a new idea of dealing with unknown word problem. Namely, a) An external Dictionary. b) Additional Training Corpora. For a), they use an external

dictionary, that means the enlargement of the segmentation Lexicon. For b), they use the additional training Corpora, although the additional training Corpora are annotated in different standards, they contained lot of words which do not exist in the target segment text. They use an algorithm in order to extract the new words from the annotated additional Corpora in 5 steps:

- (a) Perform training with maximum entropy modeling using the original training corpus  $D_0$  annotated in a given segmentation standard.
- (b) Use the trained word segmenter to segment another corpus  $D$  annotated in a different segmentation standard.
- (c) Suppose a Chinese character  $C$  in  $D$  is assigned a boundary tag  $t$  by the word segmenter with probability  $p$  (from the Maximum Entropy Model). If  $t$  is identical to the boundary tag of  $C$  in the gold-standard annotated corpus  $D$ , and  $p$  is less than some threshold, then  $C$  (with its surrounding context in  $D$ ) is used as additional training data.
- (d) Add all such characters  $C$  as additional training data to the original training corpus  $D_0$ , and train a new word segmenter using the enlarged training data.
- (e) Evaluate the accuracy of the new word segmenter on the same test data annotated in the original segmentation standard of  $D_0$ .

## 2.5 A Brief overview of the Chinese Word Tokenizer Developed at the CIS

We now take a brief overview of the tokenizer which has been developed at the CIS, as described in [Tao 2001] and [Li 2005]. [Tao 2001] has built the first version of CIS-segmenter, which consists of two

parts. The first part, tokenization, is done using the Maximum Matching Algorithm. The second part, which handles the overlapping problem, uses two statistical methods: the Uni-gram Frequency method and the Mutual information method, with the training for these methods done using the 1996-1999 online magazine "Hua xia wen zhai" corpus. [Li 2005] corrected the mistakes in the disambiguity process of [Tao 2001], added some segmentation standard adaptation to the Beijing standard, and re-implemented the second level of HHMM in [Zhang et al. 2003] in order to handle the Chinese name recognition problem. Finally, in this thesis we added the three models (described in chapter 3) to handle the unknown word problems.

## 2.6 Conclusion

We have analysed two state-of-the-art systems: [Zhang et al. 2003]'s system and [Low et al. 2005]'s system. We have found the first system's structure to be very intricate, and its runtime computationally expensive. Its capability of dealing with unknown words is limited due to the limitations of the training corpus. The latter system uses a clever way to circumvent the unknown word problem, namely by adding new words (that is, words unknown to the test corpus) to the training corpus, and it was close to being the most precise system in every segmentation standard in the Second Sighan's bakeoff. Therefore, as we have concluded in the first section, the state-of-the-art systems have two disadvantages:

- i. Their runtime is computationally expensive, and
- ii. Their capabilities of handling unknown words are limited.

For a general Chinese word segmenter, which can segment the Chinese texts of different Domains, the central problem is recognition of

unknown words. Therefore in next chapter, we will presents a new approach to handle the unknown words problem in the field of the Domain Adaptive Chinese Word Segmentation.

## **Chapter 3**

# **The Innovation for the Domain Adaptive Chinese Word Segmentation**

### **3.1 Introduction**

This chapter presents a new approach to the central problem of domain-adaptive word segmentation in Chinese, i.e. the recognition of new words (unknown words to the system lexicon). Three heuristic models are proposed here to this end. We will also present below an evaluation of our system and compare it to the performance of previous approaches found in the literature.

Our starting point is the ICLCLASS segmenter, which is reported [Sproat and Emerson 2003] to achieve a segmentation quality of 95.9% (F-measure, after being trained on the People's Daily corpus). However, when we applied the same segmenter to a text specific to the domain of chemistry, and evaluated its performance (based on a manual segmentation of the text according to the PKU



standard), the quality dropped to 71.9%. We then developed a number of ways for solving domain-specific segmentation problems better (without doing domain-specific training, i.e. without the need to manually create a domain-specific training corpus) by making more effective use of the (domain-independent) information contained in the People's Daily training corpus.

In [Gao et al. 2004], the authors mention the two problems of adapting the segmenter to different domains and to different Chinese word segmentation standards. Their approach performs quite well in terms of being able to adapt to the four different Chinese word segmentation standards, but their solution to domain-adaptation is debatable, as they do not explain how their approach can acquire new knowledge from domain-specific data given an annotated corpus taken from a more general domain. Furthermore, their test corpora do not contain domain-specific texts, hence the performance of their system remains unknown. After reviewing recent developments in Chinese word segmentation, such as in [Gao et al. 2003], [Ando and Lee. 2003], [Xue 2003], [Jin and Powers 2003], [Peng and Schuurmans 2001], [GOH et al. 2004] and [Sproat and Emerson 2002], we established that most of the state-of-the-art methods focus on acquiring "positive" knowledge from a hand-annotated training corpus. Here the positive knowledge refers to the Word Formation Rule as analyzed in Table 3.1. This positive knowledge is then used to extract similar knowledge from an unseen corpus, for example measures such as the independent word probability (IWP) and the word formation analogy (WFA) [Wu and Jiang 2000] are calculated. The IWP derived from the general corpus must be modified significantly for it to be used in a domain-specific corpus, such as a chemical text, because word formation, word combination and the compound formation rule differ between the two corpora, as shown in Table 1. A domain-adaptive segmenter should be able to handle this divergence, especially as it is unrealistic to

expect a large number of chemical corpora to be manually tagged so that they can be used as training corpora. Furthermore the range of domains is limitless - one sentence or one paper can be considered a small domain.

## 3.2 Unknown Word and Domain-specific

Given an electronic text in Chinese, i.e. a string  $t = t_1 \dots t_n$  where each  $t_i \in \Sigma$  and  $\Sigma$  is the alphabet of all Chinese characters, a segmentation algorithm is expected to provide a segmentation  $s(t) = (s_1, \dots, s_m)$  ( $s_1 < s_2 < \dots < s_m$ ) where each  $s_j$  is the starting position of a new segment, i.e.

$$T(t) := \{(t_{s_j} \dots t_{s_{j+1}-1}) : 1 \leq j < m\}$$

is the set of all word segments in  $t$ . Later we will also use the notion of *single character sequence*, by which we mean a series of consecutive segments of length 1, more precisely, a maximal subsequence  $s_{j_1}, \dots, s_{j_k}$  such that  $s_{j_1} + 1 = s_{j_2}$ ,  $s_{j_2} + 1 = s_{j_3}$  and so forth, and  $k \geq 2$ . Typically, when a maximum matching algorithm does not recognize a certain multi-character word, it splits it into a single-character sequence, as though it consisted of several single-character words. Thus single character sequences (although they sometimes represent the correct segmentation) are generally indicators of words unknown to the algorithm.

Hence the basic question is that for each single character sequence, whether or not to accept it (or parts of it) as a new word, i.e. to merge (some of) the single characters into a continuous string. In light of domain-adaptation, we are particularly interested in cases where the candidate character sequence is a potential domain-specific phrase (e.g. part of the subject-specific terminol-

ogy). Comparing general texts and domain-specific text, three observations can be made:

- (a) Domain-specific phrases are generally new to the algorithm (after it was trained on a general text), but the single character elements they consist of are usually known, and the combinatorial characteristics of these tend to be the same across all domains. E.g. single character elements that typically occur at the end of certain noun phrases (e.g. the sign for “plant” at the end of plant names) are likely to be found at the end of novel phrases (e.g. specific plant names) as well. Moreover, when two single character elements A and B occur consecutively in the training text such that a human editor has put a word boundary mark between the two, it is likely that these two will not form a continuous word AB (neither in general nor in domain-specific text). An example of a character sequence marked as a fragment by MMA is "正乘" (正=in the process of, 乘=riding), as the two characters together do not constitute a word in the word list. The fragment was found in the sentence: "我们正乘汽车去北京。" (We are on the bus to Beijing). The MMA would segment this sentence as "我们/正/乘/汽车/去/北京/。" (for convenience "/" is used instead of a space). "正乘" is a new word candidate, since it is a fragment after MMA. The observation was made that such fragments can appear in the People's Daily Corpus, so we extracted all the single-character fragments from the hand-annotated People's Daily Corpus. We found, furthermore, that all the substrings of these fragments are also noise. We collected all characters found in the People's Daily Corpus Jan-Jun 1998 which constitute noise. A total of 800,000 noise fragments were found. There are also "negative" examples. For example, in the segmented sentence taken from the People's Daily Corpus:  
"改革/开放/以来/, /龙舟/之/乡/的/岳阳/人民/发扬/"先/忧/后/乐/、/团

结/求索/"/ 的/精神/, /"/ 以/ 舟/为/ 媒/"/, /致力/ 开拓/创新/, /经济/建设/突飞猛进/, /岳阳/, /正/乘/龙舟/腾飞/! "

Fragments like : "之乡的", "先忧后乐", "以舟为媒", and "正乘" are treated as noise.

Furthermore, the substrings of these fragments are also considered noise: "之乡", "乡的", "先忧后", "忧后乐", "先忧", "忧后", "后乐"....

Noise fragments generated from the reference corpus using the above method could account for approximately 50% of the noise found in the test sets.

- (b) Highly frequent single character words typically have very general meanings, such as “的”(of), “用”(use) etc., and occur across all domains. They are often combined with noun phrases, including unknown noun phrases in domain-specific text. Thus recognizing them at the beginning or end of a single character sequence often helps identify the rest of the sequence as a new (domain-specific) word. In addition, however, there are domain-specific single character words that occur frequently only *within their domain*. For example, it was found that "摄" (to take a photo) occurs with a higher frequency in the People' Daily Corpus than in our chemical text.
- (c) There is a rather high number of single character sequences that represent frozen expressions that should (according to the PKU standard) not be merged into one token, but which can rather easily be identified as they occur in general texts as well as in domain-specific texts. Expressions like "下一次它将" (next time it will) fall under this category.

Having made these observations (especially (a)), the key idea of our approach is to learn the elements immediately preceding and following a token boundary (set by the human annotator) from the training corpus, i.e. pairs (A,B) such that there is one or more occurrences in the training corpus where A is the end and B the beginning of a token. We refer to these pairs

From general corpus to domain-specific corpus	Linguistic hypothesis
Vocabulary	partly Changed
Segment Standard	Unchanged
Word Formation Rule	partly changed
Word Combination Rule	partly changed
Compound Formation Rule	partly changed
Single-character-word Distribution	Mostly unchanged

Table 3.1: Linguistic hypothesis.

as *negative examples* because they indicate that AB is a sequence that is (likely) *not* a new word; rather than to consider, like previous approaches, positive examples where AB would have occurred non-separated.

In addition, we take into account single characters frequently occurring in the target text (as in (b)). To this end, it is necessary to run in a first step a (not yet domain-specific) segmenter over the text to identify single characters that are part of many different unknown words (i.e. of several SCS left by the segmenter).

Thirdly, our approach attempts to identify common frozen expressions by using a special bigram look up of negative examples in the training text; all of this will be detailed in section 3.3 below.

The single-character-word distribution in Table 3.1 refers to the probability of a single-character-word occurring adjacent to a non single-character-word. We assume that the reason that the distribution of single-character-words remains unchanged is that most high frequency single-character-words in Chinese are prepositions, pronouns and auxiliary words.

### 3.2.1 General vs. Domain-specific

A few words are in order about the conditions under which we regard a text as domain-specific vs. domain-independent. As we have argued, from what we call a domain-specific corpus, we expect major differences to domain-independent texts, especially in regards to vocabulary; Table 3.1 gives an overview of expected differences between general vs. domain-specific text.

We would like to propose a definition of *domain-specificity* based on this very property, i.e. on the coverage of a domain-independent lexicon  $L$  (e.g. the list of words extracted from a general-purpose, hand-annotated and very large text) with respect to the terminology in  $T$ .

Let  $T$  be a manually segmented text,  $L$  be the list of words of a large, manually segmented reference text  $T'$ .  $T$  is *domain-specific* (with respect to  $L$ ) if the percentage of segments in  $T$  that are not in  $L$  is 7% or higher.

The 7% boundary was obtained empirically, by studying the unknown segments rate of general newspaper text and comparing it to that of subject specific texts, e.g. chemical or medical scientific abstracts (each time using the same, general-purpose lexicon which had been created by extracting all multi-character sequences from the China Daily hand-annotated test corpus).

## 3.3 System description

The input data provided to the algorithm consists of three files:

- (i) A plain text file  $T$  to be segmented;
- (ii) A reference corpus  $R$  of which the segment boundaries have been annotated by humans

- (iii) A lexicon  $L$  of Chinese words (i.e. a list of  $n$ -grams of characters from  $\Sigma$ , each of which may be a word (but needs not be, depending on the context)).

As we will see later, the algorithm described below works particularly well when  $T$  contains text specific to one or several domains, while  $R$  is a general-language corpus, such as the manually annotated People's Daily Corpus, and  $L$  is also largely domain-independent.  $L$  will be used in the first step of the algorithm to create a preliminary segmentation into candidate words according to the lexicon; hence it is specifically the fact that  $L$  has not been optimized or enhanced to cover the domain-specific terminology of  $T$ , which best characterizes the typical situation when our algorithm should be used. And that is a situation which in fact occurs quite frequently, as building domain-specific lexica (and training corpora) is a costly and labor-intensive activity which people generally try to avoid.

### 3.4 Proposed method

We suggest a method that consists roughly of three steps:

- (1) Apply a maximum matching algorithm (MMA) to  $T$ , using a general-purpose lexicon  $L$  as its dictionary
- (2) Improve the lexicon, based on the results of the first step, esp. by comparing single character sequences (SCS) left in it, to similar character sequences extracted from  $R$ . The improved lexicon is called  $L'$
- (3) Re-apply MMA, using  $L'$ .

Thus, we basically transform  $L$  into a domain-adapted lexicon  $L'$  by adding some of the SCS' from the result of (1). The decision of whether or not to include an SCS, or a part of it, in the lexicon is formalized as a function

$$f : \Sigma^* \rightarrow \{-1, 0, 1, 2, \dots\}$$

where a return value of “0” indicates rejection, while any positive value  $x$  suggests that the segment-final part starting at position  $x$  should be included in the lexicon, and a negative value indicates the inclusion of the segment-initial part starting at position 1 and ending at position  $k + x$ . Hence, if  $c = (c_1, \dots, c_k) \in \Sigma^*$  is a candidate SCS, and if  $f(c) = x > 0$ ,

$$c^{(x)} := (c_x, \dots, c_k)$$

is accepted as a new entry of  $L'$ ; if  $f(c) = x < 0$ ,

$$c^{(x)} := (c_1, \dots, c_{k+x})$$

is to be accepted.

We consider three types of such functions: the “pure fragment filter” (PFF), the “frequent single element filter” (FSE), and the “n-gram filter” (NF). Each one is applied in turn, i.e. we use PFF, next (upon a positive result) we use FSE, then NF. Note that FSE and NF are only used if the previous filters returned  $x \neq 0$  (otherwise the candidate is immediately rejected as an entry of  $L'$ ).



### 3.4.1 Pure fragment filter

Given an SCS  $c = (c_1, \dots, c_k) \in \Sigma^*$  as input, the PFF looks it up in the hand-annotated corpus  $R = (r_1, \dots, r_N)$  and computes two sets:

$$\begin{aligned} \text{Pos}(c) &:= \{(p, q) : (r_p, \dots, r_q) = c, \\ &\quad \text{annotated as one continuous word in } R\} \\ \text{Neg}(c) &:= \{(p, q) : (r_p, \dots, r_q) = c, \\ &\quad \text{annotated as an SCS in } R\} \end{aligned}$$

In other words, these are the sets of positive and negative examples for  $c$  as a candidate entry of  $L'$ . A general model of the PFF filter may be described as

$$\text{PFF}_\gamma(c) := \begin{cases} 0 & \text{if } \frac{|\text{Neg}(c)|}{0.001 + |\text{Pos}(c)|} > \gamma \\ 1 & \text{otherwise.} \end{cases}$$

for some  $\gamma \in \mathbb{R}$ . The simplest version of it is probably  $\text{PFF}_0$ , i.e. when a single negative example suffices to reject the candidate, and this is indeed the version that we used in our experiments. Thus, compared to other lexical decision filters proposed in the literature, and looking at its mathematical complexity,  $\text{PFF}_0$  is extremely simple and can be summarized as “accept a word candidate unless there is one or more examples in  $R$  where it is split into single characters”. Therefore, if this filter is superior to previously suggested methods, then this is because of the mere fact that negative examples are taken into account, rather than because of the superiority of the statistical model being used.

**Pure fragment filter in Perl-Code**

The array "real fragment" contains all the fragments, such as: "之乡的", "先忧后乐", "以舟为媒", and "正乘".

```

if ( exists $real_fragment{ $Candidates } ) {
    # if they are fragment
} else {
    # they are unknown word candidates.
    }

```

**3.4.2 Frequent single element filter**

When a candidate segment  $c^{(x)} = (c_x, \dots, c_k)$  is wrongly accepted by  $\text{PFF}_0$ , i.e. if there are no negative examples of  $c^{(x)}$  in  $R$ , but it is not a word, one common reason for this is that  $c^{(x)}$  is comprised indeed of one (multi-segment) word, plus one frequent single character element either immediately preceding or following the word (such single character elements are typically prepositions, postpositions or similar function words). Therefore, after a word has been accepted by  $\text{PFF}_0$ , we check if either its first or its last character ( $c_x$  or  $c_k$ ) occurs extremely frequently as a single character in the training corpus, and if so, regard the rest as the word (instead of the whole string  $c^{(x)}$ ):

$$\text{FSE}(c) = \begin{cases} 2 & \text{if } f_s(c_1) > T \\ -1 & \text{if } f_s(c_k) > T \\ 1 & \text{otherwise} \end{cases}$$

where  $f_s(c_i)$  is defined as the relative frequency of occurrence of the character  $c_i$  as a single character sequence (of length 1) in the target text after the

first (preliminary) segmentation.  $T$  is a threshold that in our experiments was set to 0.005.

### Frequent single element filter in Perl-Code

---

```

if ((length($sen[$c]) eq "2" && length($sen[$c+1]) ne
"2" && length($sen[$c-1]) ne "2") ||
#between two non-two-character words
  (length($sen[$c]) eq "2"
  && exists $nature_seperates{$sen[$c-1]}
  && length($sen[$c+1]) ne "2")
#between natural separator and non-two-character words
  || (length($sen[$c]) eq "2"
  && exists $nature_seperates{$sen[$c+1]}
  && length($sen[$c-1]) ne "2")
)

```

---

For example, given a sentence in the test set which has been segmented using MMA: "近年/以/"/主题/文化/游/"/闻名中外/的/深圳市/, /在/春节/期间/ 精心/打造/了/"/美食/大观园/"/ 。" The single-character words extracted are: "以", "游", "在", "了" (they all occur between a non-single character word and a natural boundary), and "的" (it occurs between two non-single character words). If these single character words occur above a certain frequency (from experience more than once in a 10k corpus), and they are the first or last character in a new word candidate, we then remove the single-word character from this new word candidate.

### 3.4.3 N-gram filter

The purpose of the n-gram filter is to check if  $c$  is likely to be a frozen expression, or a similar construction composed of single characters that should each be kept as separate words. We do, however, not look up the whole sequence, but, if  $c$  has length at least 3, compare all its bigrams  $c_i c_j$  to the set  $\text{Neg}(c_i c_j)$  of all negative bigram examples (i.e. all SCS in the training corpus) to see for how many of the bigrams there is negative evidence. If negative examples can be found for sufficiently many bigrams, we reject the whole sequence  $c$  and assume it is a single large frozen expression that should be segmented into single characters:

$$\text{NF}(c) = \begin{cases} 0 & \text{if } \frac{|\text{NegBi}(c)|}{|c|} \geq 33\% \\ 1 & \text{otherwise} \end{cases}$$

where

$$\text{NegBi}(c) := \{c_i c_j : \text{Neg}(c_i c_j) \neq \emptyset, i, j \in \{1, \dots, k\}\}.$$

#### N-gram filter in Perl-Code

---

```

for (my $dot=0;$dot<length($candidate);$dot++) {
    $ch=substr ($candidate,$dot,4);
    $dot++;
    if (exists $real_fregment{$ch}) {
        $count++;
    }
}#for
$long=length ($_);

```

```
$n-gram=$count/length ($_);  
if ($n-gram> "0.16") {  
    #it means the candidate is not likely a word.  
}
```

---

## 3.5 Evaluation

The test sets included two test sets from the First Sighan bakeoff and one annotated domain-specific corpus dealing with chemistry. The chemical corpus was acquired from the company Alibaba and is over 50 MB in size. Due to time constraints, we only annotated 474k of it. First, Senior chemistry students annotate the text. After this, two Chinese linguistics students corrected the chemistry students' annotations according to the PKU segmentation standard. In the final stage, two computational linguistics students checked the annotated corpus again. As the percentage of unknown words in the chemical corpus was 25.9%, it qualified as a domain-specific corpus as per Definition 1. We ran our segmentation system and the ICTCLAS segmenter over the chemical corpus use the same word list mentioned above taken from the People's Daily corpus (Jan - Jun 1998)

The PK (Peking University) test set was evaluated as an open test using the word list from the People's Daily corpus(Jan - Jun 1998).

In the final step, we made use of the same PERL evaluation program used in the first Sighan bakeoff. The results of our evaluation are shown in Table 3.2 and Table 3.3.

The results above show that our segmentation system achieved almost the same level of performance as the ICTCLAS segmenter from ICT in two of the test sets from the First Sighan bakeoff. Furthermore, our system

	Our system	ICTCLAS
Test Set	Chemical Text	Chemical Text
Size	474k	474k
OOV Rate	0.259	0.259
OOV Recall Rate	0.644	0.433
IV Recall Rate	0.843	0.927
Precision	0.799	0.653
Recall	0.792	0.799
F Measure	0.795	0.719
Test Set	PK(open)	PK(open)
Size	56k	56k
OOV Rate	0.047	0.069
OOV Recall Rate	0.697	0.743
IV Recall Rate	0.962	0.980
Precision	0.952	0.957
Recall	0.951	0.963
F Measure	0.951	0.959

Table 3.2: Our system compared with the ICTCLAS segmenter.

	PFF	PFF+FSE	All Models
Size	474k	474k	474k
OOV Rate	0.259	0.259	0.259
OOV Recall Rate	0.633	0.645	0.644
IV Recall Rate	0.852	0.831	0.843
Precision	0.780	0.799	0.799
Recall	0.796	0.783	0.792
F Measure	0.788	0.791	0.795

Table 3.3: Our system with different models for Chemical text.

performed exceptionally well when applied to the large domain-specific test set, particularly in terms of the OOV recall rate. In Table 3.2, the OOV recall rate of our segmenter is 0.644, whereas it is only 0.433 for the ICTCLAS segmenter. This result is particularly pleasing as our test set, a real corpus, is 474k in size, and is much larger than the test sets used in the First Sighan bakeoff.

Table 3.3 lists the results of the different models used. Since the OOV Rate is 25.9%, we can see exactly which model makes the most useful Model. We found the pure fragment filter (PFF) and Frequent single element filter (FSE) to be the most useful. The N-gram filter(NF) actually decreases the OOV Recall Rate. This shows that new knowledge is acquired from the new domain-specific corpus mostly by using the PFF and FSE.

## 3.6 Examples of Segment Results Comparisons

### 3.6.1 Organization Name Comparison of Our System and ICTCLAS from the Chinese Academy

#### Result from Our System

/我们/是/山西/ 金兰 /化工/有限公司/,/

#### Result of ICTCLAS from the Chinese Academy

/我们/是/山西/ 金/兰 /化工/有限公司/,/

金兰 is a name of a company, and at the same time is a name of a flower.

### **3.6.2 Place Name Comparison of Our System and ICTCLAS from the Chinese Academy**

#### **Result from Our System**

地址:/山东省/ 嘉祥/县/

#### **Result of ICTCLAS from the Chinese Academy**

/地址:/山东省/ 嘉/祥/县/

嘉祥is the name of a place in the Shan Dong province.



### 3.6.3 Date Comparison of Our System and ICTCLAS from the Chinese Academy

#### Result from Our System

/一九九四/年/八月/

#### Result of ICTCLAS from the Chinese Academy

/一九九四年/八月/

Whether we segment "1994" and "year" together or separately, is determined by standards.

### 3.6.4 Terminology Comparison of Our System and ICTCLAS from Chinese Academy

#### Result from Our System

对硝基苯甲酸甲 /

#### Result of ICTCLAS from the Chinese Academy

对/硝/基/苯甲酸/甲/ /

对硝基苯甲酸甲 is chemical terminology.

### 3.6.5 Running Text Comparison of Our System and ICTCLAS from the Chinese Academy

Native speakers of the Chinese language can easily infer, from the comparison of the running texts below, that our system has much more success

at correctly segmenting terminology, entities, organisation names, place names, etc., when compared to the ICTCLAS. The mistakes that we make are mostly due to violations of standards; however they do not play a part in recognition of predicate-argument structure.

### Manually Annotated Text under the Beijing University Standard as a Model Example

运动/器材/：/手把类/(/高尔夫球/、/各种/球拍/、/脚踏车/、/滑雪/器材/、/滑水/器材/等)/、/潜水/器材/(/蛙鞋/、/蛙镜/、/呼吸管/、/手电筒/等)/、/刹车块/、/运动/护垫/。/

### Result from Our System

/运动器材/：/手把/类/(/高尔夫球/、/各种/球拍/、/脚踏车/、/滑雪/器材/、/滑水/器材/等)/、/潜水/器材/(/蛙鞋/、/蛙镜/、/呼吸/管/、/手电筒/等)/、/刹车/块/、/运动/护垫/。/

### ICTCLAS from the Chinese Academy

运动/器材/：/手/把/类/(/高尔夫球/、/各种/球拍/、/脚踏车/、/滑雪/器材/、/滑/水/器材/等)/、/潜水器/材/(/蛙/鞋/、/蛙/镜/、/呼吸/管/、/手电筒/等)/、/刹车/块/、/运动/护垫/。/

**Manually Annotated Text as the Model Example**

/北京/ 兴迅达/商业/展示/设备/是/一家/专业/设计/制作/展示/促销架/的/企业/, / 服务/于/食品/、 / 油类/、 /服装/、 / 体育/用品/、 /电子/产品/等/各行/各界/。 /本/公司/有着/独特/创新/的/设计/工艺/, /采用/丝网/、 /板材/、 / 管型/等/原材料/、 / 喷电/喷涂/设备/、 /制作/的/各类/品牌/展示架/, /能/使/您/的/产品/得到/更好/的/立体/展示/, /为/您/创造/ 更高/的/效益/。 /

**Result from Our System**

/北京/ 兴迅达/商业/展示/设备/是/一家/专业/设计/制作/展示/促销架/的/企业/, / 服务于/食品/、 / 油类/、 /服装/、 / 体育用品/、 /电子/产品/等/各行/各界/。 /本/公司/有着/独特/创新/的/设计/工艺/, /采用/丝网/、 /板材/、 / 管型/等/原材料/、 / 喷电/喷涂/设备/、 /制作/的/各类/品牌/展示架/, /能/使您的/产品/得到/更好的/立体/展示/, /为/您/创造/ 更高/的/效益/。 /

**ICTCLAS from the Chinese Academy**

北京/ 兴/迅/达/商业/展示/设备/是/一/家/专业/设计/制作/展示/促销架/的/企业/, / 服务/于/食品/、 / 油/类/、 /服装/、 / 体育/用品/、 /电子/产品/等/各/行/各界/。 /本/公司/有/着/独特/创新/的/设计/工艺/, /采用/丝网/、 /板材/、 / 管/型/等/原材料/、 / 喷/电/喷涂/设备/、 /制作/的/各类/品牌/展示架/, /能/使/您/的/产品/得到/更好/的/立体/展示/, /为/您/创造/ 更高/的/效益/。 /

**Manually Annotated Text as the Model Example**

/公司/设施/先进/, /技术/力量/雄厚/。/现有/员工/90/多/人/, /各种/缝制/设备/100/多/台/, /年/生产能力/60/万/套/。/产品/长期/出口/德国/、/日本/, /2002年/完成/出口/交货值/ 1500/多/万/元/。/

**Result from Our System**

/公司/设施/先进/, /技术/力量/雄厚/。/现有/员工/90/多/人/, /各种/缝制/设备/100/多/台/, /年生产能力/60万/套/。/产品/长期/出口/德国/、/日本/, /2002年/完成/出口/交货值/ 1500/多万/元/。/

**ICTCLAS from the Chinese Academy**

公司/设施/先进/, /技术/力量/雄厚/。/现有/员工/90/多/人/, /各种/缝制/设备/100/多/台/, /年/生产能力/60万/套/。/产品/长期/出口/德国/、/日本/, /2002年/完成/出口/交货值/ 1500/多/万/元/。/

### 3.7 Discussion

In our work, our strategy is not to search for the unknown words directly, but to determine the distribution and the environment of unknown word candidates. For example, in the PFF, the negative examples are all instances of fragments from natural text. In the FSE, we concentrate on the single characters which occur next to unknown word candidates with high probability. The test set, i.e. the raw corpus, must therefore be at least 10K in length, not merely a single sentence or short paragraph. The disadvantage of having a minimum test set size is that a short sentence cannot be processed by our system. Nevertheless, our system has the advantage of being able to process the world web easily.

The NF (N-gram filter) is calculated using negative knowledge. The reason for this is because in any domain-specific text, the negative examples are always negative; the positive examples, however, are not always positive. As discussed in the introduction, the positive knowledge is not reliable, because the word formation rule has changed. Therefore, the People's Daily Corpus is the only training corpus required by our method; by contrast, the other methods that use the knowledge of the word formation rule require a training set for each different domain they are applied to, as illustrated in the Figure 3.1 and Figure 3.2.

We further argue, that the methods that use the knowledge of the word formation rule, are unrealistic for two main reasons:

- (a) The domain is limitless. Therefore the word formation rule changes continuously.
- (b) Human resources are limited, as we cannot annotate a large enough corpus for every domain.

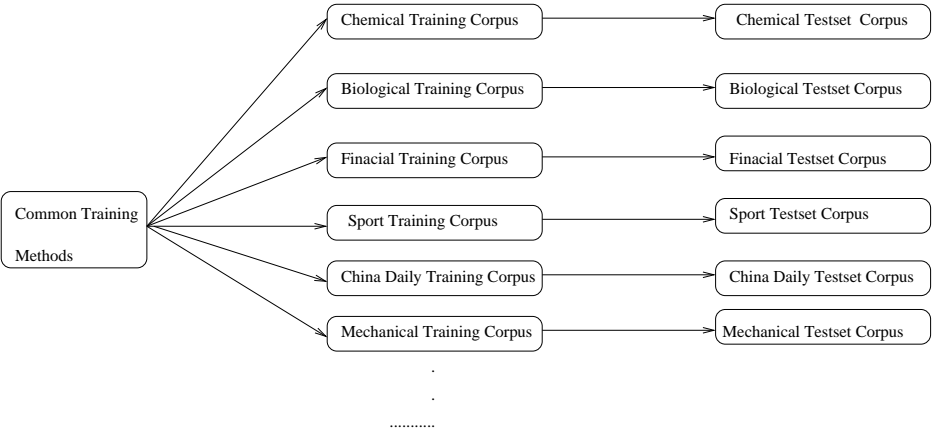


Figure 3.1: Traditional methods.

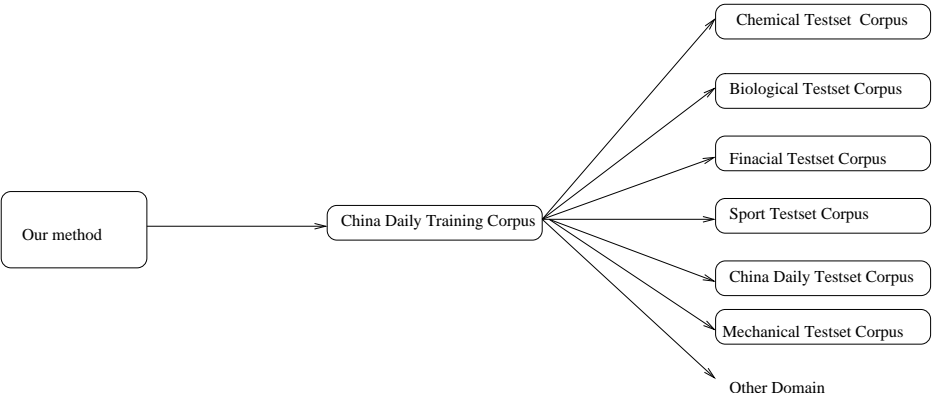


Figure 3.2: Our method.

To ensure that the evaluation is adequate, the proposed new method must be compared with the existing methods mentioned above. This comparison should be conducted in the following way:

- (a) Use the same non-domain-specific training text and the same non-domain-specific text set.
- (b) Use the same domain-specific training text and the same domain-specific text set.

These two methods are, however, not applicable to domain-adaptive methods, such as the one we are proposing. One may argue that is unfair to train the WIP using the non-domain-specific text set, and then apply it to the domain-specific test set, as we do not train the WIP in the domain-specific test set. The answer to this argument would be: our method cannot be evaluated in the usual way.

## Chapter 4

# Segmentation in Chinese Language Processing

### 4.1 Introduction

The Chinese word segmentation problem has been discussed intensively; it is believed in some circles that the field of Chinese word segmentation involving POS tagging is mature. We argue that this field, in theory or in practice, is still in its infancy. We have already discussed practical developments in previous chapters; now we will discuss the linguistical aspects of the problem, such as the relationship between Chinese word segmentation and POS tagging. Why is discussing POS necessary for us? Let us look at some examples from the China Daily; they all contain ambiguities:

a)各部门can be segmented into three cases:

- (a) 各/部门(All of /the department )
- (b) 各部/门/ (All of the department / the door)
- (c) 各部门All Department



b)全国政协can be segmented into three cases:

- (a) 全国/ 政协(Whole Country/ Consulting Committee )
- (b) 全/国政/协(Whole / Policy of Country / Help)
- (c) 全国政协(People's Consulting Committee of China )

c)经营地点can be segmented into three cases:

- (a) 经营/ 地点( Business/ Location)
- (b) 经/营地/点(Pass by / Campsite/ Point)
- (c) 经营地点Branch

d)不必要can be segment into three cases:

- (a) 不/ 必要(Not /necessary)
- (b) 不必/要(Not necessary / want)
- (c) 不必要Not necessary

We have seen that all of these examples do not exhibit real ambiguity. We do not need to decompose the phrases: they are already meaningful units. The first two examples, a)and b), are proper nouns; the third example c) is terminology, and the last one d) is a predication. The reason for needing to break these phrases into smaller units in the China Daily, is that the syntactical theory behind this segmentation standard tries to find similar units like wordhood in English. In Section 2, we will first compare two Chinese tagsets to each other, for the purpose of illustrating the infrastructure of the Beijing University tagset. Then we will compare the Beijing University tagset to the German tagset proposed by CIS. Because the Beijing tagset is specified by the Chinese grammar theory in [Zhu 1982], in this Section we also introduce the most important argument of this work. We also discuss how to adapt the Chinese grammar theory in [Zhu 1982] to local grammar. Section 3 will propose a semantical tagset, based on the China Daily corpus,

and outline details of adapting the POS tagset of this corpus to the new semantical tagset, with examples. Section 4 will propose a machine learning method, together with a multi-level framework to deal with the ambiguity problem.

## 4.2 Comparison of Different Tagsets

We will discuss Chinese word segmentation within the framework of Chinese grammar. Generally speaking, the Chinese word segmentation is related in some way to all of the fields of electronic Chinese language processing. For example, POS tagging, entity recognition, noun phrase extraction and practical applications are defined predominantly using similar concepts in Indo-European language syntactical theories. This theory is not necessarily appropriate for the Chinese language. For example, all verb occurrences after the character 的 are nouns; this causes great difficulty in the field of machine translation. They are almost identical, which lends weight to the claim that the Beijing University tagset is too closely related to the particular syntactic theory for Indo-European languages, as shown in Table 4.1, Table 4.2, Table 4.3 and Table 4.4. Finally, we review the Chinese grammar theory behind the Beijing University tagset and discuss the probability of building a new Chinese grammar system from the perspective of computational linguistics.

Tags	POS	Examples
Ag	adj-morpheme	喜/Ag煞/Ag,送/v暖/Ag,做工/v 虽/c 简/Ag
a	adjective	成功/a地/u,伟大/a旗帜/n,
ad	adj-adv	积极/ad参与/v,顺利/ad实现/v,直接/ad通邮/v
an	adj-noun	消除/v贫困/an,丰收/vn的/u喜悦/an,新/a困难/an
b	noun-modifier	初级/b阶段/n,局部/b冲突/vn,共同/b 心愿/n
c	conjunction	只要/c..就/c,和/c,与/c,但/c
Dg	adv morpheme	敢/Dg爱/v敢/Dg恨/v,俱/Dg佳/a,分歧/n甚/Dg大/a
d	adverb	也/d是/v,则/d强调/v,仍/d在/p..上/f顶牛/v, 还/d存在/v很/d大/a的/u距离/n
e	interjection	哦/e,/w是/v吗/y,啊啊/e地/u叫/v,嗨/e
f	localizer	新春/t来临/v之际/f,比赛/vn中/f,
h	prefix	非/h禁放区/n,前/h科学/n部长/n,泛/h阿拉伯/ns
i	idiom	目中无人/i,力不从心/i
j	abbreviation	美/j日/j,安理会/j,大中学校/j,春运/j
k	suffix	战友/n们/k,子,儿,头
l	fixed expressions	港人治港/l,发展中国家/l,满怀信心/l
m	number	面临/v不少/m困难/an,万/m名/q 两手抓/l、/w 两手/m都/d要/v硬/a
Ng	noun morpheme	东方/f之/u珠/Ng,春/Tg之/u声/Ng,早/a在/p..时/Ng
n	noun	领导/n,
nr	proper noun-person names	江/nr 泽民/nr
ns	proper noun-places	华北/ns北京市/ns
nt	proper noun-organisation name	新华社/nt,党中央/nt,[国务院/nt侨办/j]nt,
nz	other proper name	苗族/nz,[胜利/nz海上/s油田/n]nt,[穆斯林/nz 联盟/n]nt
o	sound word	铿锵/o,
p	preposition	由/p 国歌/n我/r想到/v,从/p
q	measure word	五千/m年/q,七/m分/q纯朴/a,是/v 些/q 什么/r,
r	pronoun	我/r,自己/r,那/r份/q,那时/r,获得/v 了/u 什么/r,
s	localizer	空中/s,面前/s,案头/s,当地/s,家里/s,四周/s
Tg	temporal morpheme	夏/Tg 秋/Tg 两/m 季/Ng,春/Tg 的/u 气息/n
t	temporal noun	新年/t 第一/m 天/q,[郑州/ns 老年/t 豫剧团/n]nt
u	auxiliary	等/u,自发/d 地/u,增添/v 了/u 喜庆/v 的/u 节日/n
Vg	verb morpheme	颇/d 具/Vg,承/Vg 百年/m,创/Vg 历史/n,以/p 示/Vg
Vd	verb-adv	优惠/vd 拍卖/v,违章/vd 停车/v,可/v 持续/vd 发展/v
vn	verb-noun	改变/v 生产/vn,计划生育/l 工作/vn,
w	punctuation	.,?:
x	non-morpheme	no examples.
y	sent-final part.	起来/v 了/y,到/v 了/y,便/d浮思 ㄟ ㄟ /l 了/y, 吗/y,脱/v 不/d 掉/v 啊/y
z	other verb	短短/z 4 /m 个/q 月/n,最佳/z 经济效益/n,

Table 4.1: The Tagset of Beijing University for Chinese Language(PKU ) with examples [Yu et al. 2001]

	Penn Tagset	PKU's tag
total tags	33	26
noun	3	4
temporal noun	NT	t
verbal noun	NN	vn
proper noun	NR	ns,nr
other noun	NN	nz
localizer	1(LC)	1(f)
pronoun	1(PN)	1(r)
Verb	4	3
shi4	VC	v
you3	VE,VV	v
other verb	VV,VA	v,a,z
adverb	1(AD)	1(d)
preposition	1(P)	1(p)
determiner	DT	r
number	CD,OD	m
measure word	M	q
conjunctions	2	1
coord.conj	CC	c
subord.conj	CS	c
particles	8	2
aspect marker	AS	u
的	DEC,DEG,AS,SP	u
地	DEV	u
得	DER	u
sent-final part.	SP	y
等	ETC	u
other particles	MSP	u
other	8	4
interjection	IJ	e
sound word	ON	o
punctuation	PU	w
noun-modifier	JJ	b
foreign words	FW	??
被	LB,SB	p
把	BA	p
tags for non-words	0	7

Table 4.2: The Comparison of the Tagset of Beijing University for Chinese Language(PKU) and the Tagset of Penn Tree Bank of Chinese Language(Penn)[ Xia et al. 2000]

体词 Argument	名词( noun 人名( proper noun-person name)  时间词(temporal noun) 处所词(localizer) 数词(number) 量词(measure word) 代词(pronoun)	noun  地名(proper noun-Geo name) 机构团体(proper noun-Org) 其他专名(Proper name)
谓词 Predicate	代词(pronoun) 动词(verb)  形容词(adjective)	副动词(verb-adv) 动名词(verb-noun)  副形词(adj-adv) 名形词(adj-noun)
	区别词(noun-modifier)	
虚词 Grammatical Word	副词(adv) 介词(preposition) 连词(Conjunction) 助词(auxiliary) 语气词(aspect word)	
	拟声词(sound word) 叹词(interjection)	

Table 4.3: The structure of The tagset of Beijing university [Zhu 1982]

Tagset for uni-Beijing	Tagset for CISLex
名词(noun)	noun
时间词(temporal word)	noun
处所词(localizer)	noun
代词(pronoun)	pronoun
代词(pronoun)	determinator
动词(verb)	verb
形容词(adj)	adjective
副词(adv)	adverb
介词(preposition)	preposition
连词(conjunction)	conjunction
助词(auxiliary)	verb particle
语气词(aspect wort)	particle
拟声词(sound word)	
叹词(Interjection)	Interjection
数词(Number)	rest classes
量词( Messen word)	rest classes

Table 4.4: The Tagset of Beijing university for Chinese language and Tagset of CISLex for German

### 4.2.1 From Chinese Grammar to Local Grammar

One might believe that new theory is often proposed as a result of discovery of a new phenomenon. In reality, not all phenomena can lead us to the right answer. The important question is: how can we get a new perspective on old phenomena? After partially solving the problem of unknown words, the problem of disambiguation needs to be addressed. In order to solve this problem in a more meaningful way, we are going to rewrite the Chinese grammar from the lexicon grammar perspective. In the famous work of [Lu 2000], some examples of Chinese word analysis are given:

- (a) 什么事情让你们这么高兴?- What things make you so happy?
- (b) 你们高高兴兴地议论什么? - What would you happily discuss?
- (c) 快告诉我, 让我也高兴高兴!- Tell me soon, so that I can be happy too

In their work, only the morphology of "happy", specifically the phenomenon of repetition, is discussed. We argue that there is not only the repetition, but also that the units "make happy" and "happily" are words. Furthermore, they argue that in sentence 1) "happy" is a verb, in sentence 2) "happy" is an adjective, and in sentence 3) "happy" is also a verb. We are not interested in specifying a part of speech tagset; we are more interested in discovering the argument and predicate in sentence 1). In this sentence, "make happy" is a predicate; "what things" and "you" are arguments. We will go through the milestone work of [Zhu 1982]; this is of interest as his grammar work is already adapted to the Beijing University Chinese word segmentation standard.

#### Nouns

The noun has 4 properties.

- (a) An adverb should not usually be placed in front of a noun. Here we can build a local grammar for all adverbs, that appear in the China Daily corpus.
- (b) A noun can be modified through numeration and classifiers. Since the nouns are limitless but the classifiers are limited (in Chinese there are about 400 classifiers), the numerations can be expressed by regular expressions; thus that we can build local grammars for classifiers.
- (c) Nouns can be modified by other nouns. As we have discussed in Chapter 2, for organisation names, we can build similar local grammars for this phenomenon.
- (d) A noun cannot be followed by these 3 characters: 着, 了, 过, . For each of these characters, we shall build a local grammar together with the verb which precedes this character.

### **Temporal Nouns**

The set of base types of temporal nouns is limited. It is easy for us to build a set of local grammars for temporal nouns, to express the unlimited possible combinations.

### **Adjective**

- (a) A predicate, which does not allow any objects, but can be modified by 很, is an adjective. In this principle, we argue that this character 很 cannot be used to resolve whether a word is an adjective or not; this is because from the view of local grammar, it is one kind of fixed combination. This character has a high frequency in most of Chinese texts, so it has many fixed combinations; therefore we cannot say that words, that cannot be modified by this character, are not adjectives, since some



adjectives cannot be modified by this character but instead of this character, they have another fixed combination. This is illustrated by the following examples:

- (b) Most adjectives can be modified by 很. We can build a local grammar for this character.
- (c) An adjective can be followed by a complement, such as 极了. Since occurrences of those complements have a high frequency in the Chinese language, we can build a local grammar for them.
- (d) For each of those words, that have properties of both nouns and adjectives, we should probably build a local grammar.
- (e) We ignore the differences between a adjective and a stative.

## Verb

The description of the properties of the verb class in the theory of [Zhu 1982] is very complicated. In fact, if we look at the annotated corpus, most of the predication has either the structure, preposition - verb, or verb - verb. This makes it possible to redefine the predication from the theory of [Zhu 1982].

### 4.2.2 Conclusion

The Beijing University tagset is similar to the German tagset in CIS, because the tagset adopts the framework of syntactic theory of Indo-European language, particularly from [Zhu 1982], who argues that Chinese grammar has two special properties:

- (a) The semantic component and the syntactic component do not have a one-to-one mapping between them
- (b) The construction rule of a Chinese sentence is similar to the construction rule of a phrase.

The first special property is a typical observation from the Indo-European syntactic theory perspective, because in languages such as English, such a one-to-one mapping exists. For the Chinese language, this mapping is in fact one-to-many. The subject maps to noun, verb and adjective; the predicate similarly maps to noun, verb and adjective, and same for the adverb. The current segmentation standards are all specified under this framework, and this causes confusion and inconsistencies. In the second special property, the definition of the word "phrase" is still imprecise in the Chinese language, so it is difficult to apply this property in practice. Of course, we cannot say that this similarity necessarily implies that they are inappropriate for use with the Chinese language. Syntax and semantics are assumed to have a one-to-one correspondence to the syntactic theory under the framework of subject and predicate. Therefore, semantic classification is our final goal. The syntax is a necessary step between natural language and semantic classification. For the Chinese language, this might not be the case. Is it possible to propose a semantic tagset directly, without involving POS tagging?

### **4.3 A Semantical Tagset and its Application to the China Daily Corpus**

Discussion of how to build a well-formed semantically annotated corpus for Chinese becomes a very interesting topic. Generally speaking, there are two ways of building such semantically annotated corpora. The first involves automatically processing the treebank [Palmer et al. 2001], [Kingsbury and Palmer 2002], [Palmer et al. 2003], [You and Chen 2004] and [Daniel and Daniel 2002], and the second involves building a semantic corpus from the corpus with only POS information [Xu et al. 2004].

A treebank is normally a syntactically processed corpus. There are many treebanks built for different languages such as the Penn Treebank [Marcus et al. 1993], ICE-GB [Wallis 2003]. The Penn Chinese Treebank is a well-known resource [Xia et al. 2000][Xue et al. 2002]. Its annotation is based on Head-driven Phrase Structure Grammar (HPSG), just like its English version. As we have demonstrated in the last section, the Penn Chinese Treebank tagset is a very complex one, having a maximum depth level of more than 36. It is difficult for a human annotator to change it into a semantic annotation in a meaningful way. Another important work is the Sinica Treebank at the Academic Sinica, Taiwan [Chen et al. 1999]. Information-based Case Grammar (ICG) was selected as the language framework. According to the report, The Sinica Treebank contains 38,725 parsed trees with 329,532 words. For the corpus-based methodology, its size is not sufficient.

Unlike full parsing, shallow semantical annotation is only targeted at certain local structures in a sentence. Instead of converting a fully parsed treebank to a semantic annotation, perhaps we can construct a shallow semantical tagset. Following [Xu et al. 2004], we agree with two of their general ideas:

(a) The use of the China Daily corpus.

Due to the lack of word delimitation in Chinese, word segmentation must be performed before any further syntactical annotation. High accuracy of word segmentation is very important for this project. We chose to use the segmented and tagged People's Daily corpus annotated by the Beijing University. The annotated corpus contains articles that appeared in the People Daily Newspaper in 1998. The segmentation is based on the guidelines, given in the Chinese national standard GB13715, [Liu et al. 1993] and the POS tagging specification was developed according to the "Grammatical Knowledge-base of con-

temporary Chinese" . According to the report from Beijing University, the accuracies of this annotated corpus in terms of segmentation and POS tagging are 99.9% and 99.5%, respectively [Yu et al. 2001]. The use of such mature and widely adopted resource can effectively reduce our cost, ensure syntactical annotation quality. With consistency in segmentation, POS, and syntactic annotation, the resulting Treebank can be readily shared by other researchers as a public resource. [Xu et al. 2004]

- (b) The second design principle is low structural complexity. This means, that the annotation framework should be clear and simple, and the labeled syntactic and functional information should be commonly used and accepted. [Xu et al. 2004]

We agree, for the most part, with their proposals, but we are not satisfied with the annotation set that is proposed. In the next section, we will make several comparisons between our semantical annotation and their annotations on the same text from the China Daily Corpus.

### **4.3.1 A Semantical Tagset and its Application to China Daily Corpus**

As discussed in the last section, adapting Zhu's theory [Zhu 1982] to a local grammar is possible but unfeasible, so we have to continue adapting the Beijing University POS tagset to a semantical tagset. Through this semantical tagset, we define the segment units, and thus a new segmentation standard.

Our semantical tagset contains 6 elements: topic, modifier, argument, predication, conjunction and logical term.

### **Topic**

Before we consider a concrete example, we will argue that Chinese language is a paragraph-oriented language [Tsao 1979].

Xu [Xu 2004] and Zhao [Zhao 1968] proposed the topic-comment framework for the Chinese language. According to them, the topic-comment framework is proposed instead of a predicate-argument structure for three reasons:

- (a) There exists an obligatory syntactic relation between subject and predicate, whereas topic-comment do not have such a relation.
- (b) The topic can only be in the first position within a sentence, whereas the subject is not necessarily in the first position.
- (c) The relation between subject and predicate is very restricted. The relation between topic and comment is much looser and sometimes allows sentences in Chinese which would be illegal in other languages [Zhao 1968].

We further argue that the topic and comment structure is still governed by sentence-oriented theory; just like in English, one sentence has one subject and one predication. But according to [Zhao 1968], 50% of Chinese sentences are without a subject. In Chapter 2, we have already discussed that the usage of comma and full-stop is quite arbitrary, and hence the boundary between sentences is imprecise [Tsao 1979]. In this work we make a brave assumption: that the first argument of a paragraph is the topic of the whole paragraph. So, if a given sentence in a paragraph does not have a subject,

and if the subject cannot be inferred from the preceding sentence, then the subject of this sentence is most likely to be the first argument of the whole paragraph.

### **Logical term**

Logical term represents the relations between arguments, such as : and , or.

### **Conjunction**

Conjunction is the connection between utterances.

### **Modifier**

Modifier is an attribute to the argument or predication.

### **Argument, Predication.**

An elementary sentence contains arguments and a predicate.

For this semantical tagset we do not specify the exact definitions; we annotate the 2 sentences below to illustrate how this annotation can be applied.

## **4.3.2 Our Annotation Applied to Two Complex Sentence Examples from the Original China Daily Corpus with Translations**

### **Example from the Original China Daily Corpus with Translations**

一/m 位/q 2 9/m 岁/q 的/u 退伍兵/n , /w 用/p 5 /m 年/q 时间/n , /w 使/v 一个/m 濒临/v 倒闭/v 的/u 乡镇/n 小/a 厂/n , /w 一/d 跃/Vg 成为/v

连年/d 产值/n 超/v 亿/m 元/q 、 /w 利税/n 超/v 千万/m 元/q 的/u 国家  
级/b 企业/n 集团/n, /w 靠/v 的/u 是/v 什么/r ? /w

### Translation

It takes 5 years for a 29-year old Army retiree to turn around a small, almost bankrupt factory in a town. Suddenly it becomes a big enterprise; its sales volume is over 100 million and the tax is over 10 million. How has he managed to do this?

### Our Annotation to this Complex Sentence in the Original China Daily Corpus with translations

一/m 位/q 29 /m 岁/q 的/u (A 29-year old)

<-modifier-1 退伍兵/n , /w (An army retiree) <-topic-1 用/p (It takes ) <-  
predication-1 5 /m 年/q 时间/n , /w (5 years ) <-argument-1 使/v (make)  
<-predication-2 一个/m 濒临/v 倒闭/v 的/u (going bankrupt) <-modifier-  
2 乡镇/n 小/a 厂/n , /w (A small company in a town ) <-argument-2 一/d  
跃/Vg (suddenly ) <-modifier-3 成为/v (become ) <-predication-2 连年/d  
(each year) <-modifier-4 modifier-1

产值/n (sales volume) <-modifier-4 argument-1

超/v (over) <-modifier-4 predication-1

亿/m 元/q (100 million yuan) <-modifier-4 argument-2

、 /w (and) <-modifier-4 conjunction-1

利税/n (tax) <-modifier-4 argument-3

超/v (over) <-modifier-4 predication-2

千万/m 元/q (10 million yuan) <-modifier-4 argument-4

的/u (of) <-modifier-4 国家级/b 企业/n 集团/n, /w (big enterprise) <-argument-3 靠/v 的/u 是/v (Depend on) <-predication-3  
 什么/r ? /w (what) <-argument-4

### Example From Original China Daily Corpus with Translations

当/p 这个/r 企业/n 的/u 大部分/m 职工/n 已经/d 住/v 进/v 上百/m 平方米/q 的/u 新居/n 时/Ng , /w 这/r 位/q 创造/v 了/u 辉煌/a 业绩/n 的/u 退伍军人/n 的/u 一/m 家/n 却/d 仍然/d 住/v 在/p 3 0 /m 多/m 平方米/q 的/u 商品房/n 里/f , /w 这/r 又/d 给/v 我们/r 多/d 大/a 的/u 启发/vn ! /w

### Translation

While most of the employees of this enterprise all live in new rooms over 100 sqm in size, the family of the army retiree who is responsible for their success, still lives in a 30 sqm room. This teaches us an important lesson.

### Our Annotation to this Complex Sentence in the Original China Daily Corpus with translations

当/p (as) <-predication-5  
 这个/r 企业/n 的/u (the enterprise of) <-argument-4-modifier-1  
 大部分/m 职工/n (most of the workers) <-argument-4-argument-1  
 已经/d (already) <-argument-4-modifier-2  
 住/v 进/v (live in) <-argument-4-predication-1 上百/m 平方米/q 的/u  
 (over 100 sqm) <-argument-4-modifier-2  
 新居/n (new house) <-argument-4-argument-2



<-argument-4

时/Ng , /w <-predication-5

这/r 位/q 创造/v 了/u 辉煌/a 业绩/n 的/u 退伍军人/n 的/u

(the army retiree who is responsible for their success) <-modifier-5

一/m 家/n (whole family) <-argument-5

却/d 仍然/d (still) <-modifier-6

住/v 在/p (live in) <-predication-6

3 0 /m 多/m 平方米/q 的/u (about 30 sqm) <-modifier-7

商品房/n 里/f , /w (room) <-argument-6

这/r (this) <-argument-7 又/d (again) <-modifier-8 给/v (give) <-predication-7

我们/r (us) <-argument-8

多/d 大/a 的/u (how big) <-modifier-9

启发/vn ! /w (lesson) <-predication-7

### 4.3.3 Explanation of Our Annotation to the Two Complex Sentences

The number after an element of the tagset simply indicates the occurrence sequence of an element type. For example: 这样/r 的/u <-modifier-12

This annotation 这样/r 的/u shows that the the first two of the 3 characters are annotated as proper nouns, and the last character is annotated as an auxiliary word, according to Beijing University Standard tagset. <-modifier-12

This annotation is our semantic annotation; this means that the 3 characters together form a modifier: the 12th modifier in the text. In this example, we see that predication 11 has two tokens, which are separated by argument 13.

使/v <-predication-11

我们/r <-argument-13

想到/v <-predication-11

In the example below, there are modifier, argument and predication structures within modifier 4. Intuitively, we draw the conclusion that if we call the structure within a structure a 2-level-deep annotation, then a Chinese sentence will have no annotations deeper than 2 levels. By contrast, the treebank structure in the Chinese Penn Tree Bank contains structures deeper than 33 levels.

连年/d <-modifier-4 modifier-1

产值/n <-modifier-4 argument-1

超/v <-modifier-4 predication-1

亿/m 元/q <-modifier-4 argument-2

、 /w <-modifier-4 conjunction-1

利税/n <-modifier-4 argument-3

超/v <-modifier-4 predication-2

千万/m 元/q <-modifier-4 argument-4

的/u <-modifier-4

We can infer 3 general rules for adapting the China Daily corpus to our semantic annotation:

- (a) The modifier to an argument or topic always ends with a character 的, such as  
一/m 位/q 2 9 /m 岁/q 的/u <-modifier-1
- (b) In the China Daily corpus, the modifier to a predication is always annotated as an adverb, such as: 多么/d <-modifier-12  
需要/v <-predication-10
- (c) In the China Daily corpus, a predication normally appears in the form of preposition + verb, or verb + verb .

Annotation	Tag
NP	noun phrase
TP	temporal noun
IC	subordinate clause
VP	verb phrase
NT	proper name
PP	preposition phrase
BL	coordinate relation
FZ	co-reference relation
SBU	verb-object relation
DX	object information

Table 4.5: Some Annotations in [Xu et al. 2004]

#### 4.3.4 Our Annotation to an Example Text from the Original China Daily Corpus with translations

In [Xu et al. 2004], an article from the China Daily Corpus was annotated. For comparison, we annotate the same article using our sematical tagset.

19980402-07-009-001/m [[ 四千/m 年/q 前/f 尸体/n 防腐/vn 技术/n ]NP]NP<-  
topic-1 (Technique for mummification from 4000 years ago) 19980402-07-  
009-002/m 考古学家/n <-topic-2[[对/p <-predication-1 4 0 0 0 /m 多/m  
年/q 前/f 的/u <-modifier-1 一/m 具/q 埃及/ns 木乃伊/n <-argument-1进  
行/v 研究/vn ]VP<-predication-1 后/f<-modifier-2 ]TP发现/v , /w <-  
predication-2 (After studying a 4000-year-old mummy, the archeologist dis-  
covered,) [[古/a 埃及/ns]NP人/n]NP<-argument-2 [早/a 在/p<-conjunction-  
1 那时/r]AP-SBU<-argument-3 [就/d <-conjunction-1 利用/v <-predication-  
3 香料/n <-argument-4 进行/v <-predication-4 [尸体/n <-argument-5 防  
腐/vn <-predication-4 。 /w]VP]VP

(the ancient Egyptians already at that time used perfume to prevent body decomposition)

19980402-07-009-003/m [据/p<-predication-5 [《/w 华盛顿/ns 邮报/n  
 》/w<-topic-3 报道/v, /w<-predication-5 [[德国/ns 塔宾根/nz 大学/n]NT  
 的/u<-modifier-3 乌里奇 韦塞尔/nr等/u人/n<-argument-6]NP-FZ]NP  
 [对/p<-predication-6 [ 1 9 1 4 年/t 在/p 埃及/ns 基扎/ns 出土/v 的/u  
 <-modifier-4 [伊杜/nr 的/u 木乃伊/n]NP]NP]PP-DX<-argument-7 进行/v  
 <-predication-6 了/u<-modifier-4 检验/vn<-predication-6 。 /w

(According to a report in the Washington Journal, Ulrich Weckser et al in Tuebingen University carried out a study on the Itu mummy, which was excavated in Jizha, Egypt in 1914.)

19980402-07-009-004/m 他们/r<-topic-4 发现/v<-predication-7, /w [其/r  
 骨† /n]NP<-argument-8 [已经/d<-modifier-5 [ 用/p<-predication-7 松  
 脂/n<-argument-9 和/c<-Logical term-1 以/p 钠/n 为主/v 的/u<-modifier-  
 6 化合物/n]PP-GJ<-argument-10 [处理/v<-predication-7 过/u 了/y ]VP-  
 SBU]VP<-modifier-7 。 /w (They discovered that the bones had already  
 been processed with a mixture of turpentine and sodium.)

[松脂/n<-argument-11 和/c<-Logical term-2 [钠/n 化合物/n]NP]NP-BL  
 <-argument-12 具有/v<-predication-7 [[防腐/v 和/c 保存/v 尸体/n]VP-  
 BL 的/u<-modifier-8 功效/n ]NP<-argument-13 。 /w (The mixture of  
 turpentine and sodium functions as an antiseptic and preserves the body.)

另外/c<-conjunction-2, /w 他们/r<-argument-14 [还/d<-modifier-9 发  
 现/v ]VP<-predication-8 [[伊杜/nr 遗体/n 的/u<-modifier-10 骨† /n]NP  
 <-argument-15 浸透/v<-predication-9 了/u<-modifier-11 [具有/v 保护/vn  
 作用/n 的/u<-modifier-12 [粘性/n 物质/n]NP]NP]IC<-argument-16 。 /w  
 (Moreover, they have found the bones of the body of Itu were immersed in  
 some adhesive liquid which functioned to protect it.)

19980402-07-009-005/m 伊杜/nr<-argument-17 是/v<-predication-10 [[大  
 约/d 公元前/t 2 1 5 0 年/t 时/Ng 古/a 埃及王国/ns 时期/n ]TP的/u<-  
 modifier-13 [松木/n 贸易/vn 官员/n ]NP]NP<-argument-18 。 /w

(Itu was a deal trade officer in the period of ancient Egyptian kingdom, around 2150BC.)

### Comparison of The Two Sets of Annotations

- (a) Their semantical annotation tagset, as shown in Table 4.5 [Xu et al. 2004], is based on Zhu's principle [Zhu 1982] , namely that "the construction rule of a Chinese sentence is similar to the construction rule of a phrase". As we have discussed in the previous section, this principle is not practical, because the definition of "phrase" is imprecise. If we consider each of their three annotations, we shall see that each is incompatible with our semantic tagset. For example, their maximal-phrase definition is incompatible with our definition of elementary sentence. Their definitions of base-phrase and middle-phrase prove in practice to be imprecise.
- (b) Each non-root element in a tree structure possesses, by definition, a unique parent. For a treebank, brackets are used to demonstrate the tree structure. The brackets are not permitted to overlap; so if we want to categorise two elements, which are not adjacent, in one category such as predication, in this case the annotation of the tree structure is not sufficient for this task.
- (c) We categorise the POS annotation of preposition and verb in the China Daily corpus in one category - predication. For example, 对(on)..... 进行研究。( carry out studies) in Chinese between 对"on" and 进行研究"carry out", there is normally an argument. There are two reasons as to why we treat the whole unit "carry out studies on" as one predication:
  - This unit can be treated as a fixed expression.
  - The order of word positions in the Chinese language plays a very important role. In this case, the word "on" determines which argu-

ment should follow, and then the argument itself determines which predication should be built to this argument. The pairing of "on" and the verb "carry out" is due to the argument being unlimited, but the verb and preposition being limited. And hence this pairing of verb and preposition is also limited. If we can describe all of them, then it would be very easy for us to find the predicate-argument structure in a sentence.

- (d) Their annotation is not for the whole text; some passages, containing important information, have not been annotated.

According to [Guenther and Blanco 2004], predication can be categorised into three categories: simple verb, support verb, frozen expressions. We can find some examples of each in this annotated article.

### Simple Verb

是/v(is)<-predication-10

### Support Verb

- 进行/v <-predication-4 ..... 防腐/vn <-predication-4 ( prevent ..... decomposition)
- 对/p <-predication-6 ..... 进行/v <-predication-6 ..... 检验/vn <-predication-6 (carry out examination on )

### Frozen Expressions

In Chinese, such an idiom will be expressed with one word, which has no more than 4 characters, and usually in every segmentation system this kind of expression will be treated as a single unit. Conversely, in English such idioms will be expressed with separate words, such as: took the fall for( 替



Application Domains	Chinese unknown word detection	NP detection
Category one	words which appear in the lexicon	NP
Category two	words which do not appear in the lexicon	non-NP

Table 4.6: Two Category Assumption in Different Domains.

罪羊), to cut to the chase (言归正传). Therefore, in Chinese this type of predication is not our focus.

After automatically adapting the China Daily corpus to our semantic annotations, we need to check it manually. This is a huge undertaking, that cannot be managed in a short period of time, but after this work we would have an enormous set of modifiers and predications. In the next section, we will finally propose a new approach to disambiguity using this set.

### 4.3.5 Two Category Assumption(TCA) and Multi-level Framework for Disambiguity

Two category assumptions as machine learning methods are proposed specifically for the domain adaptation problem. Compared with TBL, they are simpler and more direct. The argument goes that if we cannot tackle the unlimited entities directly, we circumvent the problem and analyse only the limited components of the sentence, such as predicate. Of course, for languages such as German and English, morphology knowledge can be used to identify most of these entities, but for the Chinese language this is not the case, as one weakness of Chinese is the lack of morphological evidence. Therefore, two category assumptions are suitable for domain-adaptive Chinese language segmentation.

The first implication of TCA: we start with a sentence, and assume that the sentence has two categories. This can be seen in the following Table 4.6.

In Table 4.6, we can see in the domain of Chinese unknown word detection that a Chinese sentence has two categories: words which appear in the lexicon and those which do not. Similarly, in the domain of NP detection, we assume that a sentence has only two categories: NP and non-NP.

The second implication of the TCA: if we remove one of the categories in a sentence, then we assume that the remaining sentence components belong to the other category.

For example, if we remove the words which exist in the lexicon, then we are safe to assume that the remaining words in a sentence are new word candidates. Similarly, if we remove the non-NPs, we can assume that the remaining components are NPs. In some NLP application domains, such as Chinese unknown word detection and NP detection, statistical methods are widely used. The advantage of these statistical methods is that they can learn positive knowledge, such as the formation of NP, and use this knowledge to discover similar knowledge in a raw corpus. Therefore, their disadvantage is that they ignore the use of negative knowledge in the hand-annotated corpus. Here, we define the negative knowledge as the known category in TCA. In other words, the knowledge that remains after removing the positive knowledge is the negative knowledge. For example, in the domain of NP detection, the conjunctions and verbs remain after the NPs are removed.

#### **4.3.6 Multi-level Processing of Chinese Text with TCA**

Here we propose multi-level processing of Chinese text with the machine learning method. We will be processing the text in 4 steps.

- (a) We take the sentence marking as the first level of processing. We use the two category assumption method: we assume that a sentence has

two categories. One category is "sentence mark and comma", while the other category is "complex sentences". We remove the first category and assume that the rest are complex sentences.

- (b) We take conjunctions as the second level of processing. We assume that the complex sentence has two categories: one category is conjunctions, and the other is "utterance". We remove the conjunctions, and assume that the rest are small sentences.
- (c) We take the modifier as the third level of processing. We assume that the utterance has two categories: one category is "modifiers", and the other is "elementary sentences". We remove the modifiers, and assume that the rest are elementary sentences.
- (d) We take the predication as the fourth level of processing. We assume that the elementary sentence has two categories: one category is "predication", and the other is "argument". We remove the predications, and assume that the rest are arguments.

Through these four levels of processing, we can not only remove the ambiguity in a Chinese text, but can also construct a semantic structure in a meaningful way.

If we can build a local grammar for conjunctions, modifiers, and predications from the China Daily corpus, and if this local grammar is good enough, we can extract all the arguments from a Chinese text automatically. And if a sentence can be segmented into conjunctions, modifiers, predications and arguments, then this segmentation is enough for most natural language processing tasks. Therefore, we can call this segmentation a semantical segmentation standard, though it does not exist yet. However, after adaptation of the Beijing University standard to our semantical annotation, this semantical segmentation should become widely accepted for different applications.

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## Appendix A

# Comparison of Our System and ICTCLAS

Native speakers of the Chinese language can easily infer, from the comparison of the running texts below, that our system has much more success at correctly segmenting terminology, entities, organisation names, place names, etc., when compared to the ICTCLAS. The mistakes that we make are mostly due to violations of standards; however they do not play a part in recognition of predicate-argument structure.

### A.1 Result of Our System for Chemical Text

/山西省/交城县/金兰/化工/有限公司/主产/品/硝酸钾/,/硝酸钡/,/硝酸钠/,/硝酸钙/,/硝酸镁/,/硝酸铵/钙/,/工农业/氯化铵/,/磷酸二氢钾/等/;/我/公司/长期/需求/硝酸铵/,/氯化钾/,/碳酸钡/等/ /求购/水晶/发光/项链/ /水晶/闪光/顶链/(十二生肖/长方型/),10K/如/有/供应商/,/请与/我们/联系/./  
/●/瞬量'y只需0.1/秒便可'y/到/正'

度不需等待/可///y/卡那霉素碱/产品/标准:/化纤/浴室/干身器/—/沐浴/后干洁/身体/、/头发/, //冷热/风/随/调节/。/自动/保健/氧吧/, /浪漫/情调/小/夜/灯/。//装运/目的地:/杭州/我方/提供/产品/图纸/以及/实物/样品/. [CN]/中/弘远/程/报警/与/抄/表/一体化/系统/ZHIC-B-2000/系统/包括/两/大部分/: /A/、/智能/无线/GSM/ (/工业级/通信/模块/) /终端机/ (/安装于/被/监测/的/进/、/出线/或/计量/柜/箱内/) /; /B/、/无线/GSM/监控/主控/机/ (/通常/安装于/电业局/监控室/) /。/当/安装于/被/检测/柜/ (/箱/) /内/的/智能/终端/探测/到/柜/ (/箱/) /门被/打开/或/停电/、/来电/事件/发生/, /立即/通过/内置/GSM/系统/向/无线/监控/主控/中心/自动/发出/报警/信号/, /该/报警/信号/在/无线/监控/中心/的/计算机/上/会/自动/弹出/显示/事件/发生/的时间/、/地点/、/单位/名称/以及/几号箱门/的/记录/。/主控/计算机/及时/对/信息/进行/处理/和/判断/, /通过/GSM/短信息/方式/向/当值/ (/班/) /人员/的手机/及/维修/车/报警/。/测控/终端/体积/小/, /安装/简单/, /配置/灵活/, /扩容/方便/, /具有/宽/温度/工作/范围/ ( $-30^{\circ}\text{C}$ ~ $70^{\circ}\text{C}$ ) /, /终端/可扩展/为/由/485/总线/实现/的/大/用户/抄/表/功/能/, /成为/防窃电/与/抄/表/一体化/智能/终端/。/ZHIC-B-2000/远程/实时/防窃电/报警/与/抄/表/一体化/系统/配备了/完善/而/人性化/的/计算机/操作/界面/。/该/终端/采用/的/GSM/公用/通讯/网络/, /以/短信/形式/进行/数据/传输/, /无需/申请/, /无需/自行/组网/, /节省/了/终端/及/无线/监控/中心/复杂/而/庞大/的/无线/系统/设备/及其/烦琐/的/设备/维护/工作/。/GSM/公用/通讯/网络/不易/受/恶劣/天气/如/大风/、/雷雨/天气/的/影响/, /城乡/覆盖/率/达/95/生产/范围/: //产品/产地:/深圳/温湿度/测控/系统/单/温/、/单/湿/控/制/仪表/, /温湿度/一体/测控/仪表/, /传感器/采用/高分子/湿敏/元件/, /控制/部分/采用/16/位/电脑/单片机/, /带/计算机/接口/, /可进行/全方位/自动化/管理/。//武汉市/黄陂/外贸/猪场/, /是/武汉市/粮油/食品/进出口公司/和/黄陂区/外经/贸委/投资/建造/的/国有企业/, /是以/养殖/、/饲料/加工/、/牲猪/出口/为主/的/综合性/多/功能/实体/企业/。/联系人:/魏/文君/, /田/伟群//压力/: /16-32Mpa nongshentech@sohu.com

HTP-65W /产品/名称:/HTP-65W /抗氧剂/2450 XGH-98/脱硫醇/活化剂/装运/目的地:/天津//中英文/智能/电磁/流量计/、/稳定/的/性能/、/合理/的/价格/、/你/理想/的/选择//奥星卫/具有/有限公司/是/国内/具有/较强/实力/的/卫具/企业/之一/, /从事/宾馆/、/酒楼/、/写字楼/、/家庭/卫生/洁具/的/生产/和/销售/的/专业/生产/企业/, /产品/包括/卫生/洁具/、/五金/用品/、/电吹风/、/化妆/镜/、/1,4-二氧六环./含量/99.9/音/脉冲/拨号/;

/联系人/ : /麦/小姐//倒/筒/机//农药//烟台/绿/云生/物化学有限公司/供应/扑菌灵/、/轮/纹/净//备注:/适用于/塑料/、/油漆/、/涂料/、/密封胶/、/橡胶/、/造纸/等/行业/。//用户/需要/生产/。//四/甲基/溴化铵/99/排/渣/止回阀//用途:/贸易//供应/高档/铝电解电容/器//产品/名称:/铝电解电容/器//环戊胺/ 99.90/天然/果珍/饮料//您好!/ /巩义市华源/供水/设备/有限公司//求购/BMX/赛车/专用/服装/ ( /上衣/裤子/和/手套/ ) //我/公司/正/在/组织/一/批/BMX/赛车/以及/BMX/专用/头盔/、/服装/和/手套/出口/北美/, /已/签订/三年/的/供货/合同/, /首批/不/少于/600/套/。//请有/生产/经验/的/工厂/和/供货商/联系/, /备有/详细资料/。/青岛/大通/四海/工贸/有限公司/。/大通/四海/@/青岛//九/、/社会/保障/拥有/高/规格/、/高标准/农贸市场/一个/, /华东地区/一流/乡镇/养老院/一所/。//三正丁胺/99.50[CN]/出国/在线//应/中国/教育部/重新/组织/国外/知名/院校/远程教育/评定/体系/的/新局面/, /出国/在线/将向/广大中国/学生/及时/提供/最/权威/的/政府/法规/政策/、/学术/语言/要求/, /和/国外/相关/院校/的/介绍/, /敬请/关注/。/特别/推荐/预科/课程:/欧洲经济/学院/欧洲经济/学院/的/目标/是/为/今天/的/商界/培养/德才兼备/的/年轻/企业家/和/管理/人才/。/APU/大学/此/课程/为/全日制/课程/, /专门/为/准备/在/英国/大学/攻读/BA/、/Bsc/及/LLB/学位/的/学生/所/设置/的/。/除/作业/和/图书馆/自修/时间/外/, /学生/每周/还需/上/16/小时/的/课/。//所有/的/预科/留学生/均/要/上/英语/语言/, /学习/技能/, /跨/文化/研究/及/英国/生活/问题/等/课程/。/萨尼特/学院/(ThanetCollege/) /国际/预科/课程/为/希望/到/大学/深造/却/苦于/没有/机会/的/年满/18/岁/的/成/人/学

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 齐/:/从/广州/出发/， /飞/乌鲁木齐/..... /电源/ : /CR1620/ ( /或/1625/) /3V/×/2  
 99年/， /浙江省/绿色/小/城镇/ /有线电视/解码器/( /图/) /产 品/名称/:/有  
 线电视/解码器/ /特殊/系统/清洗剂/ 1-萘酚/ /一/、 /鞋撑用/纸浆/制  
 造/， /无 毒/、 /无 害/， /可/自然/降解/， /属于/环保型/产 品/。 / /三 苯  
 基丁基溴化磷/993,4-二氨基/甲苯/硫酸盐/ /磺胺嘧啶/99/塑胶/粉碎  
 机/( /图/) /特点/ : /1/、 /机体/全/钢板/焊接/， /特别/坚固耐/冲击/， /非/铸  
 件/机体/可比较/， /机体/保固/十/年//。 /2/、 / “/A/、 /C/” /机型/4/排/固  
 定/刀 及水/冷却/循环系统/设计/， /产 量/高/， /粉碎/能力/强/特别/适  
 合/粉碎/胶头/、 /大型/胶件/、 /管材/、 /机壳类/塑胶/。 /3/、 / “/A/、 /C/” /机  
 型/列/适合/粉碎/PVC/、 /TPR/、 /TPE/、 /PP/、 /PE/等/软质低熔点/塑胶/可/小  
 时/连续/作业/。 /4/、 / “/B/、 /D/” /机型/2/排/固定/刀/设计/， /清料/简  
 单/方便/， /粉碎/能力/强/。 /5/、 /可依/客户/要求/加多/附件/及/修改/结  
 构/。 / /电动/焊接/闸阀/ /用途/:/贸易/ /好/在/京津/或/附近/省份/。 /谢  
 谢/！// ( /五/) /对/入园/区/项目/的/规划/、 /论证/、 /审批/办理由/镇/招  
 商/办/实行/全程/管理/和/服务/并/实行/联系/责任制/制度/。 //第一部/分  
 钟/管/镇/的/投资环境/介绍/ /丙烯酸甲 /99.5/我们/是/南通/市如东县  
 顺达/化工/有限公司/苏州/分公司/， /我们/供甘氨酸/， koreahuatong@mail.5322.com  
 1,4-环己二酮/ /针对/环保/及/节能/的/需求/， /青岛/金华/集团/开发/出/一



系列/针对/家用/、/商用/、/中央/空调/生产/现场/及/售后服务/全套/的/制  
冷剂/的/回收/与/加注/，/从/小型/家用/空调/到/大型/的/螺杆/机组/，/产  
品/规格/齐全/，/针对/性强//，/在/与/海尔/家用//商用/空调/、/烟台/冰  
轮/、/南海/志高/、/青岛/澳柯玛/等/著名/的/空调/厂家/合作/之后/，/制  
冷剂/回收/加注/机/为/客户/节约/费用/的/优点/更是/体现/的/淋漓尽  
致/！//杀/螟/松/[CN]/脚踏剪板机//本机/床/外形/美观/，/结构/新颖/，/采  
用/滑动导轨/，/踏拉簧/采用/滑动/支点/固定式/，/使/其/操作/力/减  
少/三分之二/，//部分/机床/配有/压料/装置/，/剪切/质量/高/，/并有/重  
量/轻/，/移动/方便/的/特点/，/广泛/适用于/金属/薄板/工业/的人/力/剪/下/料/。/  
/水扬酸甲脂//用途/：/中间体//甲/缩/醛/二氯乙烷//销售/Trans-Tek/传泰  
克位移/传感器/ Trans-Tek/传泰克/是/世界/著名/位移/传感器/专业/厂  
商//。/主要/产品/有/：/LVDT/线性位移/传感器/、/线性/速度/传感器/、/角  
度/位移/传感器/、/附件/等/。/华/科/能/实业/发展/有限公司/在/中国/经  
销/Trans-Tek/传泰克/各类/位移/传感器/产品/。/电话/：0755-26410612,26521678/传  
真/：0755-26406655/网站/：http://www.worldmaterial.com/华/科/能/集团/有  
限公司/\*联系/方式/：/传真/010-6432-4891(/自动/)/电子邮件/mail@waap.cn(/办  
公时间/：/20:30pm-23:30pm)/对/ 基苯丙酮//产品/标准/：seewai2828@126.com  
/醋酸正丙 99/四/、/现代农业/园区/：/建设/项目/以/现代农业/、/效  
益/农业/等/为主/。/ LG/公司/糊状/PVC/（LP-178,LP-170/）/,PMMA,  
[CN]/寻/代理商/：/节水/器/（节水/率/70300\*6/300\*8/280\*7/500\*60\*18/450\*10/400\*8/500\*  
SBH/三维/摆动/混合/机//交货/地点/：/上海/、/天津/、/常州//主音/量控  
制/ /氯/代/特戊 氯//产品/标准/：99/弹力/哗叽//公司/地址/：/温州市/龙  
湾区/沙城/前/沥路/11/号//王/吉祥//提供/商务/服务//杭州/博闻/会展/有  
限公司/是/经过/注册/、/批准/，/从事/会议/展览/、/商务/贸易/、/投  
资/咨询/的/专业/公司/。/为了/方便/非/港籍/赴/港/参加/各类/展览会/，/经/与/香  
港/有关/方面/协商/合作/，/由/我/公司/代理/预定/展位/、/商务/交流/、/代  
订/商务/用房/、/交通/及/相关/赴/港/手续/，/我/公司/将/以/“诚实/经  
营/、/开拓/进取/”/为/企业/宗旨/，/真诚/为/您/服务/，/共创/辉煌/。/另  
外/我/公司/目前/有/2003年/欧洲/及/部分/商/展/项/目/，/欢迎/来函/或

者/来电/咨询/。/[CN]JJW/（/JSW/）/系列/精密/净化/交流/稳压/电源/  
 /性能/特点/：/◆/采用/正弦/能量/分配器/给合/大功率/LC/滤波器/原  
 理/，/可靠/性高//。/◆/电压/调整/执行/元件/为/半导体/器件/，/响应/速  
 度快/，/稳压/精度/高/，/输出/电压/连续/可调◆稳压/范围/宽/，/可/长  
 期/连续/工作/◆/净化/抗干扰/能力/强/，/能/有效/抑制/电网/中/各种/噪  
 声/和尖峰/脉冲/。/◆/具有/过载及短路/保护/，/输出/过压/保护/，/三  
 相/电源/具有/缺相/保护/功能/。/◆三相/电源/采用/分离式/稳压/方  
 式/，/具有/三相分调/功能/。/主要/应用/：/★/计算机/及其/周边/装  
 置/★/工业/电子/设备/★/通讯/广播/设备/★/自动生产线/设备/★/精  
 密/测量/设备/★/医疗/电子/设备/主要/技术/参数/：/稳压/范围/：/单相/185V/～/300V/展  
 宽/165/～/250V/三相/320V/～/430V/精压/精度/：/单相/220V/±1/～/7/地  
 址/：/河北/曲周县/河南/町/镇//坚固/的/构造/，//刚性/好//联系/电话/：/0755-  
 8226734426148850 Jack@me360.net /维生素/E/（/油状/）//产品/标准/：/96/甲  
 氨蝶呤/ /产品/标准/：/4/高/真空/蒸馏塔/、/精馏塔/、/酒精/回收/塔/  
 [CN]/求购/鞋子/、/男女/皮鞋/、/儿童/鞋/、/辅料/等/服装/服饰/产品/  
 /中国/服装/服饰/商贸/网/www.fashion86.com.cn/（/电话/：/0760-8382700/）/—  
 —/服装/服饰/行业/专业/的/B2B/网站/，/专门/为/国内外/服装/服饰/企  
 业/提供/最/新/环球/商机/，/提供/企业/信息/、/产品/发布/、/展示/平  
 台/，/提供/服装/服饰/行业/最/新/资讯/，/流行/时尚/，/展会/信息/，/我  
 们/还/根据/企业/的/具体/情况/提供/个性化/的/商务/推广/服务/：/搜  
 索引擎/登记/、/企业/全球/信息/发布/、/外贸/往来/信函/翻译/、/专  
 业/的/二/级/网站/...../丰富/的/信息/、/周到/的/商务/推广/服务/满足/您/企  
 业/推广/的/各种/需要/。/详情请/浏览/我们的/网站/：/http://www.fashion86.com.cn  
 2-/氯丙 氯/98/通径/：/50-2200mm [CN]/供应/微电机//顺和微/电机/有  
 限公司/是/一家/专业/生产/微型/电机/的/公司/。/本/产品/广泛/用于/冰  
 箱/、/冷柜/、/微波炉/、/暖风机/、/排气扇/、/热波炉/、/清新/器/、/电  
 热器/、/风扇/、/电壁炉/、/消毒/柜/等/家用电器/。/详情请/浏览/我  
 们的/网站/或者/直接/电邮和/我们/讯盘//讯盘请/注明/您/的/邮件/地  
 址/，/谢谢/！//邮政编码/：/030500 /备注/：/量大价优/、/质量/可靠/ /旅



游/大巴/车门/遥控/锁/(图) /旅游/大巴/怎样/方便/游客/? /对/叔丁  
 苯甲酸/99/装运/目的地:/山东省/莘县/ charmingtrust@21cn.net /联系  
 人:/冯/华/ /电动/V/型球阀/ /通径/: /25-400mm /求购/大量/灯箱/及展  
 架/ /我方/现求购/大量/的/灯箱/及展架/, /为/方便/双方/合作/, /请/深  
 圳/周边/地区/的/厂家/与我/方/联系/! /要求/: /长期/供货/, /且/为/加  
 工/、/生产/厂家//。 /需/深圳/及/深圳/周边/地区/的/工厂/! / /韩国/华  
 通/贸易/有限公司/求购/(图)/长期/求购/钛酸钾晶须/、/镁盐晶须/、/二  
 氧化锰/、/钛白粉/、/发泡剂/、/加工/助剂/等/出口/韩国/。 //茂瑞/(IC)www.maorui.com  
 1/: /语音/IC,/音乐/IC,/闪灯/IC,/音乐/IC,/玩具/集成电路/L-/色氨酸/ /产  
 品/标准:/食品级/ /弹簧输粉机/ /弹簧输粉机/广泛/应用于/粮油/、/饲  
 料/、/食品/、/冶金/、/矿山/、/塑料/、/化工/、/建材/、/医药/等/行业/的/一/种/输  
 送/设备/, /它/适用于/颗粒/或粉状/物料/的/水平/输送/, /倾斜/输送/, /垂  
 直/输送/等/形式/。 /特点/: /1/、/采用/螺旋弹簧/输送/原理/, /结构/简  
 单/, /使用方便/。 /2/、/弹簧/使用寿命/长/; /输送/效率/高/。 /3/、/输  
 送/部分/全封闭/结构/, /无/粉尘/溢/散/。 /1/、/推介/地域/、/产业/发  
 展/方向/和/市场/潜力/, /推介/优惠政策/; //丙炔醇/99.5/顺/祝/商/琪/! /  
 /亚/、/拜尔/、/Degussa/等/公司/以及/蓝/星/江西/星火/有机/硅厂/、/北  
 京/化二/股/ /对/氯苯硫酚/ /产品/标准: [CN]/供电/子/显示屏/ /室外/点  
 阵/屏/室内/点阵/屏/证券/显示屏/金融/利率/屏/体育场馆/屏/民政/显  
 示屏/ /我/公司/独立/开发/和/生产/的/便携式/纸塑鞋撑/, /是/国内/首  
 创/, /是/替代/泡沫/塑料/及/废纸/支撑/鞋腔/的/理想/产品/, /为/企业/提  
 供/了/产品/上档次/及/出口/的/机会/。 /纸塑鞋撑/有/以下/优点/: / /联  
 系/电话:/0592-72522981307486351013074868235/供应/白砂糖/ /产品/名  
 称:/一/级/白砂糖/ /智能/电磁/流量计/ /主要/生产/高压/、/超高压/电  
 磁/流量计/, //大口/径/电磁/流量计/ /欧美宝汽/柴油/机油/(图) /产  
 品/名称:/汽/柴油/机油/ /塑胶/玩具/(图) /我/公司/是/一家/已/初具规  
 模/的/塑胶/制品/生产/厂家//。 /公司/主要/以/HIPS/、/HRPS/、/PVC/、/ABS/等/塑  
 胶/材料/为/原料/, /凭借/丰富/的/经验/、/优质/的/管理/, /生产/的/各  
 类/塑胶/产品/远销/各大洲/, /受到/各位/客户/的/青睐/。 /本公司/自

创办/以来/, /已/开发/生产出/多款/塑胶/制品/, /主要/特色/产品/包括/, /磁性画写板/ (内胆/颜色/包括/黑白/, /彩色/, /荧光/) /, /圣诞/玩具/礼品/, /塑胶/日用品/, /礼品/赠品/, /儿童/类/玩具/及其他/各类/塑胶/制品/。/公司/生产/资力/雄厚/, /产品/品种/繁多/, //品质/优良/, /一律/实行/厂价/直销/, /竭诚/的/欢迎/客户/来电/来函/咨询/, /期待/与/您/的/合作/! //磷酸二氢钙/ 100/网址/:<http://cncanyu.cn.alibaba.com> /间/ 基苯甲酸/ /产品/标准/:9998年/, /浙江省/村镇/建设/现代化/示范/镇/浙江省/教育/强/镇/ /弹力/直/贡/布//产品/简介/: /颗粒/较粗/, /适用于/作/防锈/涂料/用/。/用于/船底/、/防锈/涂料/及/一般/底漆/。/ /棕榈酸甲 /日化/级/上海/棕榈酸乙 /日化/级/上海/棕榈酸异丙 /日化/级/上海/棕榈酸异辛 /日化/级/上海/左旋西替利嗪/医药/级/上海/ /本公司/是/一家/集/科研/开发/、/生产/、/销售/和/服务/为一体/的/的/综合性/有限/公/ /对/氯苯戊酮/ /产品/标准/: /十二/烷二酸/ (/DDDA/月桂二酸/) /十三/烷二酸/ (巴西/基酸/) /二氧化/锆/氧/氯/化/锆/ /材料/: /优质/低碳/钢丝/ C16 18/醇/ 99/胶合板/出口/, /注塑/加工/业务/ /用途/: /贸易// (二/) /其它/优惠//温度/保护器/ /您好/: / /吩噻嗪/ /产品/标准/: /自动/走料药液/过滤器/超声波/焊接/机/ /炔雌醚/Quinestrol/炔雌醇/EthinylEstradiol/雌二醇/Estradiol/雌三醇/Estriol/坦勃龙/Trenbolone/孕三烯酮/Gestrino /用途/: /面议/ /对/夹/升降/式/止回阀/ /用途/: /贸易/ /压力/: /1.0-2.5Mpa /不饱和/聚 树脂/ /化纤/产品/ /尼莫地平/ USP24 /上海/产/./尿囊素/ 99/硅胶/干燥剂/ /用途/: - /特点/与/功效/: / /中国/悍马/采购/网/是/由/悍马/公司/主办/的/大型/门户/网站/, /具有/网上/采购/招标/、/采购/顾问/、/供求/信息/、/行情/预测/等/功能/模块/, /并/具备/企业/自主/建/站/系统/, /会员/企业/可在/网上/进行/自主/建/站/、/查阅/发布/信息/、/展示/企业/及/产品/、/网上/招聘/、/自主/交易/等/业务/, /是/悍马/公司/及/会员/企业/采集/信息/、/宣传/企业/、/展示/产品/的/电子商务/平台/。//备注/: /均/符合/CP2000/版/、/USP24/版/、/USP25/版/标准/, /常常/作为/添加剂/、/补/钙/剂/。/ /协会/商会/、/基金会/、/学院/、/出版社/、/期刊/号/、/商标/; / /我们/是/深圳市/灿宇/电子/开

发/有限公司/,/成立/于/1995年/, /是/一家/集/开发/、/生产/、/销售/于/一  
 体/的/电子/自动控制/产品/专业/制造厂商/。/路灯/智能/开关/运用/微  
 电脑/对/室外/照明灯/进行/智能化/自动控制/。/即/根据/季节/日照/变  
 化/, /按照/所在/地区/日出/日没/规律/每天/自动/修正/后/控制/开/、/关  
 灯/时间/, /避免/了/经常/人工/修正/的/麻烦/。//草酸二/已/ //发货/地/ : /上  
 海/ 2.UHM-H01/ (RF301/) /浮球/开关/(改进型/) /<http://www.ecbrain.com>  
 /备注/:/量大价优/。/质量/可靠//二甲苯//产品/标准:/99.9/联系人/ : /王/小  
 姐/杨/小姐/ /我们/是/江苏/诚信/干燥/设备/有限公司/,/我们/供/干燥/设  
 备/, 1R-/顺式/-2-/氟环丙胺//用途/:/合成/[CN]/可进行/进口/代理//我/公  
 司/有/独立/的/进出口/代理权/, /可/长期/进行/化工/、/染料/、/纺织/、/颜  
 料/的/进出口/代理/。/若/有/需要/, //请与/我们/联系/。//诺基亚/8910i/GSM/¥/1,500  
 /该品/实体/为/龙船船模/, /选用/锌/合金/为/材/, /外镀/24K/纯金/, /镶/上/各  
 类/人工/宝石/, /独特/新颖/、/精致/华丽/。/船帆上内嵌/激光/全息/图  
 片/, /为/中国/第一/樽/海神/妈祖/图像/ /宋/夫人/像/。/立体/再现/天  
 上圣母/栩栩如生/且神形/兼备/的/图像/。/海神/妈祖/为/保佑/人民/平  
 安/的/女神/, /香港/、/台湾/、/新加坡/等/东南亚/一带/均/信奉/妈祖/。/ (全  
 息/图片/可/换/, /可应/客户/要求/, /现可供/全息/图片/为/龙/、/观音/等/) /  
 /油垢/清洗剂/ /一/溴/频/呐/酮/[5469-26-1] /公司/基础设施/完善/, /加  
 工/工艺/先进/, /检测/手段/齐全/。//II/ : /F46/透明/管/、/热/收缩/管/、/特  
 细管/、/U/型管/, /棒/, /薄膜/。//分散/深兰/S-3BG/ (HGL/) //乙二  
 醛/50/叠氮钠/9920L/、/25L/堆码桶/(图) 20L/、/25L/堆码桶/, /口径/55MM  
 /装运/目的地/:/武汉/ /深圳市/福田区/八卦/路/众/c /科技/大厦/ /洛  
 阳/万/山/高新技术/应用/工程/有限公司//本品属三唑尖杀菌剂/,/是/甾  
 醇脱早基/抑制剂/,/是/用于/重要/经济作物/的/种子/处理/或面/喷洒/的/高  
 效/杀菌剂/,/多种/类型/的/碟片//自动式/防晒/防盗/汽车/保护/衣//本产  
 品/设计/先进/世界/首创/, /专为/小轿车/的/整个/车身免受/风吹雨  
 淋/, /烈日/暴晒/, /满车/灰尘/刮伤/受损/, /使车身/保持/光亮/如/新/, /延  
 长/整车/的/寿命/, /用/特殊/材料/研制/而/成/可以/反射/98/本/产品/用  
 于/搪胶/, /降低成本/。/性质/效果/好/, /环保/无毒/。//优惠/的/电

动/车寻/优秀/的/经销商//产品/名称:/电动车//规格/: /14X1414X1616X1818X18  
 /四丁基溴化铵/99[CN]/供应/饮料/、/食用油/、/化妆品/、/糖果/、/医  
 药/、/化工/品/包装用/塑料瓶/ /胜盈/塑料制品/有限公司/, /专业/生  
 产/PET/、/PE/、/PVC/塑料/包装/容器/, /是/一家/有多/年/生产/经验/的/私  
 营企业/, /为/多家/大/、/中型/饮料厂/、/食品/厂长/年/提供/包装/货  
 源/, /深/得/客户/赞誉/。/本公司/还为/客户/设计/和订做/各类型/的/包  
 装/容器/。/产品/广泛/应用于/饮料/、/糖果/、/食品/、/食用油/、/化妆  
 品/、/美容/美发/、/医药/、/化工/等/行业/。/欢迎/新老客户/来样/订  
 做/, /欢迎/各厂家/来函/、/来电/, /莅临/指导/, /洽谈/业务/。//访  
 问/网址/: /<http://www.dongguan.tongtu.com>/邮政编码/:065800/陈/浩/天/  
 /气动/薄膜/调节/蝶阀/ /通径/: /25-300mm <http://www.szx1ff.com> /该  
 井盖/的/价格/是/铸铁井盖/的/70/玻璃纤维/窗纱/—/绿色/, /蓝色/, /灰  
 色/, /土黄/, /柠檬黄/和/白色/等/。//高效/内吸杀菌剂/, /防治/小麦/锈  
 病/, /白粉病/, /玉米/, /高粱丝黑穗病/, /玉米/圆/斑/病/等/。//采购/引擎/部  
 件/, /锻件/, /铸件/, /冲压件//采购/引擎/部件/, /锻件/, /铸/, /冲/, /请  
 有/意者/联系/! /灯座/系列/微电机/系列/旋钮/系列产品/外壳/系列/  
 /交货/地点/: /上海市/普陀区/ /包装/规格/: /编织袋/内衬/P V C/包  
 装/, /净重/40kg/袋/户/要求/生产/。//来电/洽谈/。//（要/与我/提供/的/图  
 片/一样/）//本公司/常年/经营/甲醇/、/乙醇/、/乙二醇/、/丙二醇/、/正  
 丁醇/、/异丁醇/、/异丙醇/、/冰醋酸/、/醋酸/乙烯/、/醋酸乙脂/、/醋  
 酸丁脂/、/苯乙烯/、/甲苯/、/纯苯/、/苯酚/、/二甲苯/、/丙酮/、/丁/酮/、/环  
 己酮/、/DMF/等/, /价格/合理/、/保证质量/。/[CN]/奥斯特消杀王/ /消  
 毒/灭菌剂/ /奥斯特/环保/型消杀王/消毒/灭菌剂/是/最/新/一代/复配  
 型/消毒/灭菌剂/, /该/产品/最/突出/的/特点/是在/使用/浓度/下/对/人  
 畜/、/不锈钢/等/器械/无/腐蚀性/、/稳定/性能好//, /杀菌/能力/强/, /杀  
 灭/速度快/, /无色/、/无味/、/无毒/副作用/等/特点/。/本品能/主动/吸  
 附/, /快速/渗透/以/破坏/菌体壁/, /使菌体/蛋白/变形/, /阻塞/呼吸/的/方  
 式/杀死/细菌/和/病毒/, /被/誉为/ “/杀菌/导弹/” /。/它/能在/常温/低/浓  
 度/下/高效/、/快速/杀灭/甲/、/乙肝/病毒/、/性病/病毒/、/结核菌/、/霉

菌、/大肠杆菌、/金黄/葡萄球菌、/芽胞/等/在内/的/各种/致病/微生物/。/对/与/食品/接触/的/表面/或/机械设备/进行/消毒/后/不必/再用/清水/淋洗/，/一次/使用/同时/产生/灭菌、/消毒、/清洗、/除臭/四/种/功能/，/消毒/灭菌/效果/及/安全性/均/优于/一般/消毒剂/，/是/目前/世界上/最/优秀/的/高效/安全/消毒/灭菌剂/。/使用方法/：/①/居室/消毒/：/将/本品/均匀地/喷洒/于/室内/各处/，/特别是/空气/不易/流通/的/死角/。/②/餐具、/瓜果、/衣服、/毛巾/等/消毒/：/按/每公斤/水/喷射/2/秒/的/比例/，/将/本品/喷入/清水/中/，/然后/放入/需要/消毒/的/物品/，/浸泡/1—5/分钟/后/即可/。/③/浴缸、/坐厕/及/各种/物品/表面/消毒/：/将/本品/喷/在/抹布/上/进行/擦拭/或/直接/将/本品/喷洒/在/需要/消毒/的/物品/表面/，//2—3/分钟/后/抹/干/即可/。//外形/尺寸/MM/：/机架/：900X500X1550/异/辛酸/99.90[CN]/供应/洗头床/，/镜台/，/收银台/，/等候/椅/ /联兴/美容/椅业厂/专业/生产/供应/各种/洗头床/，/等候/椅/，/油压椅/，/镜台/，/美容/美发/椅/，/师傅/椅/，/收银台/，/椅脚/等/美容院/家具/，/详情请/浏览/我们的/网站/或者/直接/电邮/和/我们/讯盘/./讯盘请/注明/您/的/邮件/地址/，/谢谢/！//我/司/大量/供应/国内/最/新型/塑料制品/原材料/-/高/密度/聚乙烯/，/价格/优惠/，/产品/性能/佳/，/欢迎/新老客户/来电/咨询/，/洽谈/！//3./湿度/范围/：/10/传真/：(020)38259372/供三元乙丙/防水/卷材//氯化聚/乙烯/-/橡胶/共混/防水/卷材//氯/ /求购副产盐酸/./盐酸/ /盐酸/，/副产盐酸/./有意者/请/联系/。//司/。/终年/供应/各类/国产、/进口/的/化工/原料/及/中间体系列/。//信誉/为/本/，/保/ /硫酸铝钾/(/钾明矾/)/明矾石地开石/ /数量/不限/、/价格/面议/。//HJ-01/全/游离/阴离子/分散/松香/胶/HJ-05/高效/低泡/松香/胶/HJ-06/弱酸性/松香/胶/HJ-08/中//碱性/施/胶/剂//业/。/以/优质/价廉/的/产品/，/以/质量/求生/存/，/以/服务/求/发展/，/热诚/期望/与/新老/N-/甲基/哌嗪/ 99.90jli@mail.daewoo.com.cn /免/垫/胶/ /丙酸//丙酸四氢呋喃水合肼//乙 丙酮/DMF/异丙醚//乙腈//正丙醇//纯吡啶氯仿//二氯甲烷/DMAC/丙二醇/ 025-85212383 [CN]/生产/压力/机旋铆机铆钉机//液压机/冲床气弹簧/等/ /江/苏/省/宝/应/县/金/华/压力/设备/制造



厂/ (网址/ : /www.jszxb.com/电话/ : /0510-8865203212249513961784560/) /专  
 业/生产/销售/气动/压力机/、/气动/旋铆机/、/气动/铆钉机/、/液压/旋  
 铆机/、/液压机/、/脚踏冲床/、/电动/台冲床/、/气动/冲床/、/手动/压  
 力机/和/气/弹簧及/相关/配件/如/气缸/、/继电器/等/，/品种/齐全/，/生  
 产/工艺/先进/，/技术/力量/雄厚/，/测试/手段/齐全/。/我们/将/竭诚/为/海  
 内外/的/广大/客户/服务/。/并可/根据/用户/的/需要/进行/改型/制造/，/并/同  
 时/提供/配件/附件/。/保证/质量/，/并/交货/及时/，/提供/优质/的/售后  
 服务/。/我厂/宗旨/ : / “/质量/第一/，/用户/第一/，/信誉/第一/” /。/热  
 忱/欢迎/广大/用户/来电/来函/洽谈/订购/。//商祺/ ! //电话:/0527-3396713  
 /异辛烷/ /供应/涡轮/增压器/，/匹配/锡柴/发动机/涡轮/增压器/，/匹配/康  
 明斯/发动机/涡轮/增压器/，/无锡/富泰尔/科技/有限公司/，/是/由/无  
 锡/富泰/动力/设备/有限公司/和/无锡/富泰毛/纺织/公司/两/家子/公  
 司/组成/的/高科技/民营企业/。/lt;br>/公司/位于/风光/秀丽/的/太湖/之  
 滨/的/南泉镇/，/占地面积/13500/平方米/，/拥有/固定资产/1500万/元/，/职  
 工/三百五十/余/名/，/产 品/已/通过/IS /装运/目的地:/深圳市/宝 安  
 区/公明镇/ /以/优质/价廉/的/产品/，/以/质量/求生/存/，/以/服务/求/发  
 展/，/热诚/期望/与/新老客户/密切合作/。/互惠/互利/，/共同/发展/。/  
 /本厂由/上海/华/昌/铝制品/厂/特别/授权/生产/ “/上海/牌/” /铝合金/自  
 然/发色/奶锅/，/汤锅/，/美式/弧型锅/，/铝合金/不粘/平底锅/，/不/粘/圆/底/锅/。  
 /电话/ : /13953921785 /我厂/是/专业/生产/英式/插头/和/各/规格/VDE/电  
 源线/的/厂家/。/已经/通过/ISO9001/ : /2000/管理/体系/认证/，/BS/插  
 头/通过了/BSI/认证/，/认证/号/71081/。/欢迎/来人/来函/订购/。//无  
 形/雨刷/-/雨魔/ /雨魔/ (RAINDevil) /是/德国/PIT/化学工业/公司/生  
 产/的/一/种/浓缩/合成/涂料/。/雨魔/在/填补/了/玻璃/、/塑料/等/物体/表  
 面/的/微孔/后/形成/聚合/体层/，/造成/表面/不再/沾水/，/从而/使/雨  
 雪/从/挡风玻璃/、/车窗/或/头盔护目镜上/完全/滚落/，/令/驾车/人/在/雨/、/雪  
 或/其他/坏/天气/中/行车/时/获得/更/好的/视野/，/并可/显著/减少/刮  
 雨器/的/使用/和/磨损/。/可/使/车窗/玻璃/的/清洁/工作/和/在/冬季/刮  
 霜/变得/非常/容易/，/对/防止/车窗/沾上/污浊/、/油污/和/昆虫/等/有/良

好/作用/雨魔/同样/适用于/镜子/、/玻璃/桌/、/玻璃/淋浴/隔板/、/和/屏幕/等/。/Freeaminoacid:<0.5/邮政编码/:223656/礼品/收音机//碘苯/98.5/普源/DS3102B/3102M/系列/数字/存储/示波器/。//重质/碳酸钙//这一/产品/主要/适用于/塑料/、/油漆/、/涂料/、/密封胶/、/橡胶/、/造纸/等/行业/。/公司/以/严格/治厂/, /以/优异/的/质量/, /优良/的/服务/, /合适/的/价格/为/广大/新老客户/服务/!!我厂/是/专业/生产/净水/材料/厂家/为/满足/各行业/水处理/的/需求/, //我厂/于/台湾/著名/企业家/刘艳/珠/女士/, /方城/程/运来/先生/共同/建立/自动化/滤料/生产/企业/主要/产品/: /石英/砂滤料/, /无烟煤滤料/, /锰砂滤料/, /磁铁矿/滤料/, /果壳/, /活性炭/, /纤维/球填料/, /卵石垫层滤料/, /聚合/氯化铝/, /多/面/空心球/, /蜂窝/斜管/, /液面/覆盖/球/等/净水/材料/, /产品/规格/齐全/, /畅销/全国各地/。//本厂/生产/磷酸锌/已有/十/年/之久/。/产品质量/稳定/可靠/, /已/与/石家庄/油漆厂/、//备注/:量大/从优/, /质量/可靠/[CN]/供应/氟利昂表/ /表面/直径/2.0"/, /2-1/2/ “3/” /类型/氟利昂表壳体塑壳带钦入式塑罩/表面/聚/碳酸/脂面机芯铜机芯磷/青铜/管子/, //铜接/头/头/径向接头/连接/普通/选项/压力/范围/-30-0psi,0-15psi,0-30psi,0-60psi,.....,0-15000psi/刻度/psi(lb/in2),bar,Kpa,kgs/cm2,Mpa,Hg,/双/刻度/及/特殊/刻度/精度/3/◇/耗电量/低/, /防/冲击/, /抗干扰/ /供应/超声波/塑料/焊接/机/、/超声波/清洗/机/(图/) /产品/名称/:/自动/走料药液/过滤器/超声波/焊接/机/ 602,5-/二氨基/甲苯/硫酸盐/ /供应/橡胶/减速/垄/ (图/) /(图/) /产品/名称/:/橡胶/减速/垄/ /◇/单独/报警/, /联网/报警/可选/ /联系/方式/ [产品/说明/]溶解性/: /能/与/乙醇/、/乙醚/、/氯仿/及/有机/溶剂/混/溶/。//通信地址/: /广州市/大沙头路/9/号/之一/首/、/二层/ /锰砂滤料/ /您好/: /弹力/帆布/ /压力/: /1.6-3.2Mpa/ /真诚/与/您/合作/, /共创/经济效益/ /化碳/、/醚和氯仿/。/本品/有毒/, /刺激/眼睛/和粘/膜/。//建筑材料/; /水处理/与/环保/; /空调/制冷/; /清洁/及/维护/设备/; /玻璃/及/材料/; /卫浴/陶瓷/; /石材/及/机械设备//温州市/宇星/轻工/机械/有限公司/0http://www.wz-yuxing.comtitle 0zzypack 0zzyspec 0zzyprieczywebtitle 0zzypack 0zzyspec 0zzyprieczy-

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/生产/制药/、/化工/、/电子/、/气体/、/饮料/、/环保/、/生物工程/、/水处理/等/设备/及/各种/不锈钢/钢管/，/U/形管/，/弯头/，/人孔/盖/，/活接头/，/卡箍/，/阀门/，/球阀/，/蝶阀/，/隔膜阀/，/过滤器/，/滤芯/，/快/装/堵头/系列/等/。/[CN]/可/供应/酸性/染料/产品/ /我/公司/可/长期/供应/酸性/大红/3R/，/酸性/大红/GR/，/酸性红/B/，/酸性/金黄/G/，/酸性/离子/元青/等/酸性/染料/产品/，/绝对/优质/。//双/盛/牌/硅酮/免/垫/密封胶/ /第二/部分/工业园区/发展/计划/ /在/贯通/实验/，/管道/验收/之/时/ /网站/：[/www.486586.com](http://www.486586.com) /塑料/纤维/排列/设备/ /产品/名称/：/纤维/排列/设备/ /飞虎牌/缝合/机/ /亚硫酸氢钠/ /产品/标准/：/特/定/级/ /供应/各种/规格/普磁/、/强磁/，/磁瓦/，/磁环/，/磁棒/ >> ;江门市/南华磁材粉末/冶金/有限公司/是/广东省/江门市/粉末冶金/厂/有限公司/的/销售部/，/我/公司/专营/粉末冶金/产品/已达/20/多/年/。/积累/了/丰富/的/生产/经验/与/生/产/技术/。/更使/我厂/产品质量/得到/国内外/客户/的/肯定/和/认可/。/多/年来/随著/我们/不/断地/努力/开拓/，/现时/我厂/占地面积/已/超过/82000/平方米/，/4000/多名/员工/，/其中/几百/名/专业/技术员/，/年产量/超过/15000/吨/，/因此/被/同行/誉为/东南亚/最/大/生产/基地/之一/，/通过/ISO-9002/认证/，/我们的/产品/深受/客户/的/赞赏/，/随著/市场/竞争/与/发展/，/我/公司/为了/确保/用户/产品/的/系统性/和/准确性/，/在/1998年/成立/专门/进行/新产品/和/专用设备/开发/研究/的/部门/。/ >>>> ;实验/动物/(犬)/繁殖/各/单位/，//请/与/我们/联系/。//新型/廉价/车载逆变器/（适合/手机/充电/等/）/(图/)/产品/名称/：/车载/手机/充电器/ /弹丝珠地/网眼/布/ /供应/背心袋/ /我/公司/现有/大量/塑胶/背心袋/，/出口转内销/规格/（35+15/）/X56X0.0125/乳白色/，/现货/有/15/吨/价钱/便宜/元/一吨/，/如/有/需要/的/厂商/请/尽快/与/我/联系/：/刘/生/013925301750/负离子量/： $\geq 2 \times 10^8$ /个/cm<sup>3</sup>20cm/处/ /“抗/衰老/复合/OPC-2”/，/采用/生物工程/技术/提取/葡萄核/、/绿茶/的/天然/精华/，/对/女性/美容/、/抗/衰老/具有/超强/的/功效/。/它/的/抗氧化/能力/是/VC/的/20/倍/、/VE/的/50/倍/，/被/科学家/公认为/“目



前/科学界/已知/的/天然/美容/、/抗/衰老/（/抗氧化/）/物质/” /。 /zhong-wen3753@163.netdavid3753@tom.com /玻璃/酸酶/CP2000/上海/薄荷脑/99/多/聚/甲  
 醛/ /产品/标准:/91-93/氯乙酸甲 //产品/标准:/99.51/、/由/企业/向/镇/招  
 商/办/提供/进/园区/的/可行性/报告/；//化纤/混纺/布//华东/华北/销售  
 部/：/浙江省/义乌市江东/中路/368/号/4/楼/4/。 /加湿/效率/高/， /可/达/100/富  
 士通/MCC3064SS/AP640M460/元/ /注册/香港/、/英国/、/美国/、/BVI/等/海  
 外/国际/公司/集团/、 / www.jinlongchem.com /磷酸氢二钠/ /产品/标  
 准:/药用/级/ /乙 乙酸乙 /(美国/99[CN]/供磨床/、/刨床/、/插床/  
 /平面/磨/400/×/2000/俄罗斯/81年/八成/议/平面/磨/MT7440/天津/81年/九/成/3万  
 立式珩磨机/M4220/大河/74年/未/用/6万滚刀磨/M6425/武汉/79年/八  
 成/4万/3/刨床/、/插床单臂龙门刨/1M\*3M/俄罗斯/85年/八成/双柱龙  
 门刨/俄罗斯/66年/八成/ /高效/内吸杀菌剂/、/防治/小麦/锈病/、/白粉  
 病/、/玉米/、/高粱丝黑穗病/、/玉米/圆/斑/病/等/。 / http://www.knlan.com  
 /印度/公司/求/化工/产品/。 //弹力/ 皮/绒/ /对/氯苯酚/[106-48-9] /公  
 司/基础设施/完善/， /加工/工艺/先进/， /检测/手段/齐全/。 //袋口扎  
 丝/：/自动/镶/丝//两种/单位/的/换算/关系/：/毫克//分升/=毫摩尔//升/215;18/。 /  
 [CN]HTS-/系列/通信/、/电力/专用/正弦/逆变/电源/ /性能/特点/：◆  
 本/系列/正弦波逆/变/电源/专门/为/通信系统/、/电力/系统及/工业/自  
 动化/工业/自动化/应用面/设计/的/高/品质/逆变器/， /产品/具有/直  
 流/输入/过欠压/、/输出/过载/保护/、/短路/保护/、/直流/输入/与/交  
 流/输出/完全/电气/隔离/等/保护/功能/。 /并可/提供/RS232/数字通信/口/、/输  
 入/与/输出/有/或/无/的/故障/于/接点/， /也/可/通过/计算机/进行/监控/逆  
 变/电源/的/工作/状态/及/历史/记录/， //同时/可以/通过/LCD/或/LED/显  
 示/逆变/电源/的/工作/状态/。 /产品/广泛/应用于/电信/、/移动/、/联  
 通/、/电力/、/铁路/、/化工/等/对/供电/有/高质量/、/高/可靠性/要求/的/且/不/能/停  
 电/的/通信/、/信息/设备/的/使用/部门/。 //地址:/广东/广州/花都/永  
 发/大道/ /清除/装修/异味/、/环保/产品/合作/ /因为/室内/装修/污染/问  
 题/日益/突出/， /引起/了/社会/各界/的/广泛/关注/， /所以/装修/环保/家  
 居/、/绿色/家居/、/健康/家居/是/近年来/室内/装修/的/主流/。 /广州/绿

创/公司/研发/了/"绿美居"/牌/甲醛/清除/剂/、/装修/除味剂/、/甲醛/捕捉/剂/（/工业用/）/等/系列/环保/产品/，/该/产品/可以/有效/的/消除/装修/前后/所/带来/的/刺激性/有害/气体/（/如/：/甲醛/、/苯/等/）/，/而且能/彻底/去除/异味/，/达到/真正/的/环保/装修/。/为/更/好/地/开发/市场/，/我/公司/愿意/与/国内/装修/公司/建立/良好/合作关系/，/以/充分利用/双方/资源/，/达到/双赢/的结果/。//有/投资/及/合作/意向/者/（/申请/的/企业/或/个人/）/将/获得/本/办事处/的/邀请/，/对/钟/管/镇/（/工业园区/）/进行/整体/考察/，/对/钟/管/镇/的/有关/情况/做/进一步/了解/和/实地考察/。//注册/国际/期刊/ /★/香港/瑞丰/会计/事务所/-/本港/最/大的/会计/权威/机构/！//我厂/生产/的/氟/塑料/产品/有/：/ Titration:98-102/对/甲氧基苯甲酸/99/有意者/，/请/致电/029-84286882/、/13319237678/热熔胶粘/制品/增塑剂/ /全功能/遥控/ ZTOV/型泵/采用/独特/的/大通道/叶轮/设计/，/可吸排/直径/为/泵口/口径/60[CN]/供应/硝基甲烷/规格/一/外观/：/无色或微/黄色/透明/液体/含量/：/≥98/5 . /电控/板/L-/二/盐/组胺/ /产品/标准/：98/电话/：0527-3397198 <http://mingjuplastics.cn.alibaba.com> /产品/产地/：/德国/BASF/求购抗坏血酸/ /我/现有/客户/急寻/5/吨/的/ASCORBICACID/。/请国/港口/美圆/交货/价格//。/盼/复/。/ <http://www.diple.net> /地址/：/深圳/沙/湾/樟树/布/村/ [CN]/提供/各式/促销/或/随身/小镜/ /丽人/日用品/有限公司/是/专业/生产/美容/化妆/镜/的/厂家/，/产品/远销/欧美/、/日本/、/韩国/及/中国/。/同时/也/是/国际上/一些/著名/美容/产品/的/OEM/和/ODM/的/制造商/。/ “/爱丽莎/” /专业/美容/化妆/镜力邀/名家/设计/，/以/独特/的/工艺/、/优良/的/品质/，/产生了/上百/种/高档/、/新颖/、/别致/、/前卫/的/款式/，/整体/分为/台式/化妆/镜/、/墙式/化妆/镜和/便携式/化妆/镜/等/三大/系列/。/成为/业内/唯一/的/品牌/产品/。/ 3-/ 基/戊二酸二/乙 / /用途/：/出口/ /戊炔草胺/[23950-58-5] /规格/：/95/重播/功能/及/数码/卡拉OK /特别是/二/00/一/年/推出/的/带冲裁/功能/的/吸塑/成型机/实现/了/完全/意义上/的/自动化/生产/。/主要/产品/有/RCD50-66/45S/型/、/RCB50-68/90S/型/、/RCA50-68/120S/型/、/RC51-71/70S/型/、/RC51-71/117/型/等/全自动/真空/吸塑/成型机/。/主要/适应/于/：/聚氯乙烯/PVC/、/聚苯/乙

烯/PS/、/发泡/PSP/、/改性/聚丙烯/PP/、/聚 /PET/、/环保/生物/降解/PP/类/等/卷筒式片材/真空/吸塑/成型/各种/敞开式薄壁容/、/如/：/各种/规格/的/一次性/快餐/饭盒/、/快餐/盘/、/速食面碗/、/西餐/盒/、/饼食/制品/内衬/、/冰淇淋/杯/、/糖果盒/、/蛋糕盒/等/。/也/适应/制作/旅游/用品/、/儿童/玩具/、/中/西/药品/、/电器/元件/、/日用/五金/商品/等/包装/制品/以及/农用/水稻/秧盘/、/蔬菜/苗盘/等/农作物的/育苗/盘/。/筛/粉/系列/ /苏/米/硫/磷/ /电话/：/021-52240276/、/52240280/甲苯磺丁脲/ /产品/标准/：/11./三/氧化硫/膜/式/磺化/装置/工程设计/、/改造/与/扩建/ /电话/：/0999-4621995/异佛尔酮二胺/99.80/苯/并/三氮唑溴代/十二/烷/2-/氯/-5-/硝基苯甲酸/5-/氯/-2-/硝基苯甲酸/5-/氯/-2-/硝基苯/胺/ /求购/氧化/铁红/ /我厂/长期/需求/以下/产品/：/氧化/铁红/一/级品/H101/型/200/目三/氧化/二/铁/96/成立/香港/公司/的/好处/ /注册/香港/、/美国/、/英国/、/BVI/、/法国/等/海外/国际/公司/集团/、/ /认证/、/工厂/于/2002年/整体/搬迁/至/河北省/武强/县/、/工厂/的/新建/投产/、/标志/ /钛白粉/ /产品/标准/：/金红/石/型/ /磁控/接近/开关/、/液位变送器/、/翻柱/（/板/）/液位计/ 1.UHM-H01/（/RF301/）/浮球/开关/ /温度/：/≤/150/°C/ /型号/：/MB-V2003C/功能/介绍/ /非诺维林/ /产品/标准/：/ZTOV/系列/自吸式无堵塞/离心泵/是在/普通/泵/的/基础上/选用/优秀/水力/模型/、/引进/国外/先进/技术/并/结合/用户/的/使用/条件/开发/成功/的/一/条/结构/新颖/、/技术/领先/的/新型/排污/设备/。/ /硝酸钙/ /您好/：/六甲/基/磷三胺/99/刘/圣/ /电子邮件/：/info@chinamhc.com /钟/管/镇/在/农业/上/实现/了/由/传统/农业/向/现代农业/转变/、/形成/了/以/青虾/、/生态/鳖/、/加州/i 鱼/、/南美/白/对虾/等/特种/水产/养殖/为主/的/效益/农业/结构/、/全镇/拥有/尚坝湖和沈家墩/400/亩/清溪/花/鳖/良种/繁育/基地/、/沈/家/墩/200/亩/青虾/苗种/基地/、/湖西圩/200/亩/鱼/鳊/混养/基地/和/沈家墩村/600/亩/加州/i 鱼/基地/。/浙江省/省长/柴/松/岳/等/领导/视察/现代/农业/园/区/时/对/钟/管/镇/在/农业/上/的/成绩/给予/了/高度/的/肯定/。/ /机用打包/带有/半自/动机/用和/全自/动机/用/并可/提供/透明/打包带/。/ /本/产品/具有/工艺/先进/、/结构/合理/、/无/震动/、/无/噪音/、/无/污染/、/加

工/质量/高等/优点/。/功能/齐全/，/输出/力/，/上下/速度/行程/，/闭合/高度/，/保压/时间/五/个/参数/均可调整/，/并/具有/自动/记数/功能/，/是/用户/较为/理想/的/加工/设备/。/本厂/愿为/用户/解决/各种/冲压/，/铆接/等/难题/，/产品/一律/实行/三包/。//奥肤舒/皮肤/消毒/液/采用/纯正/中草药/，/为/天然/绿色/产品/无/任何/副作用/，/可/杀灭/肠道/致病菌/、/化脓菌/、/致病/性酵母菌/。/对/皮炎/、/痱子/、/湿疹/、/手足/癣均/有疗效/。/现诚招/各省/市/代理/，/有意者/请与/刘/小勇/先生/联系/或/登录/本公司/网站/：<http://www.xtsdyy.com>/超声波/塑料/焊接/机可/应用于/热塑性/塑料/的/焊接/，/如/医疗/设备/上/的/一次性/输液/过滤器/及/血浆/分离/杯/的/焊接/、/塑料/酒瓶盖/的/焊接/、/手机/电池/外壳/和/手机/吊带/的/焊接/、/一次/打火机/外壳/的/焊接/等等/。//求购/汽车/灯//产品/出口/美国/，/生产/厂家/请/联络/我们/。N-溴代丁二 亚胺/ 99.00

/包装材料/：/塑料/包装/桶/ /手机/：/1387122899213871270690 /镇流器/，/HID/，/变压器/，/电感/，/线圈/等//产品/名称/：/电子/镇流器/，/HID/，/变压器/，/电感/，/线圈/ /蜂/格/纺/(0.3cm) /压力/：/1.0-2.5Mpa /注册/香港/海外/公司/商标//多/年/专业/注册/香港/海外/公司/商标//注册/BVI/公司/ /注册/美国/公司/ /注册/萨摩亚/公司/ /注册/海外/公司/ /注册/香港/商标/ /注册/中国/商标/ /商标/设计/注册/ /企业管理/ /商务/配套/深圳/日/聪/资讯/有限公司//联系人/：/陈/新/渝//甲/缩/醛/二氯乙烷/脱/漆/剂/ /三甲氧基苯/甲醛/ 99ZLPG/系列/中药/浸膏型喷雾/干燥机/，/QPG/系列/气流/喷雾/干燥机/D/、/DT/系列/酒精/回收/塔/，/JRF/系列/间接/加热/热风炉/RYL/系列/燃油/、/燃气/热风炉/，/MC/系列/脉冲/布袋/除尘器/GK/系列/干式造粒机/，/BK/系列/摇摆/颗粒/机/JZL/系列/挤压/造粒机/，/30BIV/V/万能/粉碎机/5./本品/有/优良/的/抗氧化/性能/，/对/热和氧/都是/稳定/的/，/储存/不宜/变质/和/酸败/。/[CN]/生产/各种/中高档/麦克风/、/功放机/、/演出/器材/等/。//广东省/恩平市/恒达/电器/实业/有限公司/创建/于/1996年/。/公司/在/创建/初期/致力于/生产/有线/、/无线/麦克风/系列产品/，/目前/已/发展/成为/集/设计/、/开发/、/生

产/、/销售/和服/务于/一/体/的/综合/性/专业/家/用/电/器/及/麦/克/风/生/产/厂/商/，/业/务/范/围/涉/及/会/议/用/麦/克/风/、/教/学/用/麦/克/风/、/有/线//无/线/麦/克/风/、/无/线/门/铃/及/视/频/接/收/、/发/射/设/备/等/电/子/、/电/器/产/品/，/并/已/通/过/ISO9001/国/际/质/量/体/系/认/证/。/公/司/生/产/基/地/位/于/恩/平/市/民/资/外/资/工/业/区/，/占/地/面/积/10000/余/平/方/米/，/生/产/、/生/活/设/施/完/备/齐/全/。/为/适/应/中/国/加/入/WTO/的/新/形/势/，/2001年/，/公/司/在/原/广/州/办/事/处/的/基/础/上/扩/建/成/立/营/销/总/部/及/广/州/技/术/研/发/中/心/，/不/仅/加/快/了/公/司/了/解/国/际/市/场/信/息/及/技/术/更/新/的/速/度/，/更/为/新/世/纪/恒/达/技/术/的/发/展/和/腾/飞/奠/定/了/基/础/。/公/司/引/进/先/进/的/管/理/理/念/，/始/终/坚/持/“/以/人/为/本/”/，/尊/重/人/才/，/提/倡/高/效/，/形/成/了/一/套/具/有/企/业/独/特/风/格/的/科/学/管/理/模/式/。/面/向/新/世/纪/，/未/来/的/恒/达/将/是/“/优/质/的/恒/达/、/服/务/的/恒/达/、/发/展/的/恒/达/”/。//优/质/的/恒/达/：/恒/达/将/提/供/先/进/的/技/术/、/产/品/和/服/务//，/使/客/户/真/正/拥/有/性/价/比/最/优/的/产/品/；/服/务/的/恒/达/：/为/市/场/需/求/服/务/、/为/社/会/的/文/明/进/步/服/务/；/发/展/的/恒/达/：/创/造/发/展/空/间/，/提/升/员/工/价/值/，//提/高/工/作/生/活/质/量/。/恒/达/电/子/将/承/承/“/质/量/第/一/、/优/质/高/效/”/的/方/针/继/续/为/社/会/服/务/！//供/应/单/板/微/薄/木//产/品/名/称/：/单/板/微/薄/木//自/动/温/度/补/偿/：/可/自/动/将/示/值/换/算/成/25℃/时/的/数/值/。/2./各/种/金/属/材/质/冷/凝/器/、/换/热/器/（/含/螺/旋/板/式/、/列/管/式/）//联/系/人/：/钱/军/辉//双/向/报/警/状/态/回/传/确/认//发/胶//产/品/名/称/：/发/胶//低/弹/丝//联/系/电/话/：/533-2890448/电/话/：/0335-31667913166792/三/苯/基/膦/4-/硝/基/-N-/甲/基/酞/胺/5-/溴/-2-/甲/基/吡/啶/氧/化/物/邻/二/氯/苯/5-/溴/甲/基/吡/啶//压/力/：/1.0-16.0Mpa/物/流/原/则//锰/砂/滤/料//您/好/：/电/子/信/箱/：/liu616392@yahoo.com.cn MX820/型/舒/驰/方/桶//捆/绑/式/变/送/器//（/三/）//凡/进/入/园/区/的/企/业/，/投/产/后/所/缴/纳/的/地/方/税/收/按/财/政/体/制/分/成/的/镇/得/部/分/，/连/续/三/年/全/部/返/回/给/企/业/。/[CN]/中/弘/防/窃/电/智/能/控/制/装/置/ZHIC-A-1000/终/端/安/装/于/计/量/柜/（/箱/）/内/用/于/监/视/门/的/开/关/状/态/。/一/、/计/量/柜/（/箱/）/门/被/打/开/，/在/操/作/者/未/将/有/效/IC/卡/插/入/终/端/时/，/终



端/将/执行/跳闸/断电/动作/（/采用/断路器/跳闸/功能/）/。/二/、/操作者/结束/操作/后/未/关闭/柜/（/箱/）/门/，/终端/也/会/自动/执行/跳闸/断电/动作/。/三/、/当/终端/执行/跳闸/动作/后/，/无/有效/IC/卡/插入/，/无法/手动/合闸/。/该/装置/对于/最近/的/99/次/开门/事件/，/终端/均/有/详细/记录/（/时间/、/操作者/身份/）/，/数据/在/终端/内/永久/保存/。/该/记录/可由/管理/IC/卡/从/终端/转移/至/主控/计算机/，/由/本系统/专用/软件/对/数据/进行/分析/、/存储/，/并能/方便/地/进行/多种/历史/信息/查询/的/操作/。/本系统/终端/内置/备用/电源/在/遇到/电网/停电/（/失压/）/或/人为/破坏/时/，/仍然/能/保持/不/少于/3000/小时/的/检测/记录/功能/。/ZHIC-A-1000/系统/对/操作/安全/级别/进行/了/细致/地/划分/（/母卡/、/管理卡/、/操作/卡/）/，/对/操作/卡/进行/时间/授权/以/防止/丢失/IC/卡/的/弊病/。/系统/内/卡片/在/未经/主控/计算机/授权/的/情况下/无法/以/合法/身份/进入/终端/（/终端/自动/执行/跳闸/动作/）/，/同时/，/该卡/的/身份/信息/会被/记录/于/终端/内/。/对于/主控/计算机/操作/人员/的/软件/使用/也/进行/了/严格/的/规定/。/使得/整个/系统/处于/完善/的/安全/使用/机制/下/。/装运/目的地/：/石家庄/V<sub>2</sub>0=0-750V/，/门幅/：/158cm/售/辣椒/红色素/、/辣椒/精/等/武安珍妍/天然/色素/有限公司/产品质量/优良/，/卫生/和/质量指标/稳定/，/质量/符合/中华人民共和国/卫生/使用/标准/GB10783-1996/及/相关/的/质量标准/，/并/与/国际/质量标准/FAO/WHO/接轨/。/主要/产品/有/辣椒/红色素/、/辣椒/油红/树脂/、/辣椒/精/、/辣椒/碱/、/高粱/红色素/、/红/花/黄色素/等/。/N-乙基/邻/甲苯/胺/N-甲基/苯胺/N-甲基/邻/甲苯/胺/N-氯化物/N-乙基/苯胺/上海/双琦/化工/有限公司/座落于/中国/经济/、/金融/、/贸易中心/上海/。//寻求/显卡/厂家/我方/现求购/大量/的/显卡/，/请/深圳/地区/的/厂家/与我/方/联系/！//“德惠康”/纳米/功能/杯/以其/特有/的/活化/、/净水/功能/、/优质/的/杯体及/时尚/的/款式/、/合理/的/价格/，/成为/节庆/、/公关/、/促销/、/走访/、/探友/的/首选/礼品/并/与/多家/礼品/公司/有着/良好/的/合作关系/。//装运/目的地/：/张家港市/腾/龙/机械/制造/有限公司/有机/硅/原

料/ (二甲/基/硅油/、/含氢硅氨基硅油/、/107/硅橡胶/、/RTV/硅胶/、/ /  
 /性/防水/卷材/SBS/改性/沥青/?/td>/本/信息/真实性/未经/中国化工/网  
 或/其他/机构/证实/，/仅供您/参考/，/请/谨慎/采用/，/风险/自负/。/如  
 果/信息/提供/的/email/地址/、/电话/或/传真/号码/有误/，/请与/我们/联  
 系/。/Copyright1997-2003CCNAllrightsreserved./合作/、/代理/产品/名  
 称/:b.clean yrazhzh@yahoo.com.cn /二/、/投资/及/合作/程序/说明/ /联  
 系/地址/:/河南/巩义市/永安路/南段/西村/镇/MAXSPEED:42KM/H,50KM/HBRAKE:FRONT  
 /功率/:/0.37KW/ /180KW; /交货/地点/:/本厂/ 4/、/合理/的/客户/管  
 理/，/保证/经销商/切身利益/！//合肥/:/魏/兴/茂/360° /全方位/可/转  
 动/导向/罩/，/可以/实现/任意/定向/加湿/ /保险丝/系列/接线/端子/系  
 列/端子/台/系列/灯饰/系列/ N-/氯代丁二 亚胺/ /产品/标准/:99/蜂  
 巢/塔/丝/隆/210T /硬脂酸锌/ 99Zip:261100 /豆油/酸/工业级/上海/产/.  
 /上海/元越/化工/有限公司/.021-.52827579.52806095/质量/保证/，/量大/价  
 格/优惠/.[全国各地/，/可/代办/托运/]. /价格/便宜/实惠/，/普通/老百  
 姓/可/轻松/购买/。//个人/求购/:/13307314047 /目前/旅游/大巴/游  
 客/上下车/大多数/有司机/手动/开启/车门/，//为一体/的/综合型/企  
 业/。/在/奉贤/，/南汇/，/松江/等/工业园区/及江/浙/一带/均//公司/依  
 法/经营/，//重合/同/守/信誉/，/交货/及时/，/质量/保证/，/售后服务/完  
 善/，/深受/广大/客户/好评/。//一氯乙酸钠/，/氯乙酸钠/ /出售/一  
 氯乙酸钠/，/氯乙酸钠/，/含量/98/氰化亚铜片碱硫酸铜/碳酸/钡硫酸  
 锌/ /我/公司/是/电镀/化工/、/橡胶/化工/和/农药/化工/的/专业/制造/企  
 业/，//温度/:/-28-120/°C/ /适用于/水/、/蒸汽/、/热油/等/介质/；/最  
 高/转速/:/100RPM/；/最高/压力/:/2.0Mpa/。/普通型/最高温度/:/220/°C/；/高  
 温/型/最高温度/:/250/°C/。/采用/双球体非/平衡/式/结构/，/无须/要  
 求/设备/的/同心/度/，/可以/自动/调整/同心/。/外管体/直接/连接到/辊  
 子/或烘缸上/，//为主/要/的/旋转/部件/；/精密/加工/的/过外管体球  
 面/、/底盖底/平面/和浸渍石墨球面密封环/，/共同/组成/可靠/的/动  
 密封/摩擦/副/。/当介质/流经/密封环/和无油/轴承/时/，/形成/一层  
 很/薄/的/液膜/，/加强/了/密封和润滑/，/从而/减轻/了/磨损/，/延长/了/使

用寿命/ (本/产品/保质期/180/天/) /。 /地址:/河北/武安市西土/山村/西/ /求购/汽车/倒车镜/ /求购/汽车/倒车镜/,适用于/日本/产/的/小轿车/,若能/供货/请/报/最低/出口/外销/价格/,请/尽快/和/我们/取得/联系/,详细情况/请见下表及/图片:/汽车/倒车镜/询价/单/序号/型号/尺寸/形状/1SM-236B7-3/4/' /' /X4/' /' /BoltType2SM-510B5/' /' /X10/' /' /BoltType3SM-510C5/' /' /X10/' /' /ClampType4SM-612B6/' /' /X12/' /' /BoltType5SM-612C6/' /' /X12/' /' /ClampType6SM-ISUZU6-1/4/' /' /X12-3/4/' /' /ClampType7SM-6BabyTurbo8SM-HORSEJeep9SM-HIACEHiace10SM-MAZDAFiera11SM-L300L-30012SM-FXTamarawFX /可/外接/音箱;/ /产品/产地:/西欧/ /具体/可/参看/图片/。 / /供应/厂商/有着/密切/的/联系/, /并/与/其/保持着/良好/的/合作关系/。 /现已/形成//供:/有毒/生物/制药/领域/专用/产品/—/“蝎毒/干粉/” / (/THELYOPHILEDVENOMPOWDEROFSCORPION/) /。 /“蝎毒/干粉/” /分为:/真空/干燥/和/冷冻/干燥/二/种/。 /本/产品/采用/高新技术/, /根据/国家/质量/监督/检验/检疫/总局/出口/动物/毒素/ (东亚/钳蝎毒/) /检验/方法/提取/检验/的/, /完全符合/达到:/国家/ (2002/第4/号) /SN/T10业/标准/。 //以上/全部/为/农用/、/出口/, /请/厂家/参考/以上/要求/报/可供/产/ /邻/氯苯/甲醛/ /规格:/根据/客户/要求/定做/ /要求:/具有/一定/的/英语/水平/, /具备/海运/知识/, /有/较/高/的/敬业精神/, /能/适应/室外/工作/, /营销/、/国贸/专业/或有/实际工作/经验/, /有/驾照/者/优先/考虑/。 / /弹力/花呢/ [CN]/供/厨房/剪刀/ /我厂/生产/各种/厨房/剪刀/、/裁缝/剪刀/、/花园/剪刀/、/办公/剪刀/ H/型/旋转/接头/系列:/ /GFSJ-/系列/高效/粉碎机/ /弹力布/ /请/访问/<http://www.zscms.com> /铝镍/合金/催化剂/ /产品/标准:/ N-beta-/ 乙基/哌嗪/ /产品/简介:/ /六偏磷酸钠赤磷聚磷酸铵磷酸二氢铵/99/供/冲击/电钻/ /产品/名称:/冲击/电钻/ /供应/空墨盒/ /产品/名称:/空墨盒/ /住/硫/磷/ /◆/去除/因/经常/摩擦/而/产生/的/污迹/, /如/领口/和/袖口/的/污迹/。 / /北京/德惠康/科技/发展/有限公司/是/专业/从事/纳米技术/水处理/应用/与/开发/的/研发/实体/, /经/我/公司/科研/人员/的/刻苦/专研/, /于今年/成功/地/开发/出/拥有/自己/知识产权/的/高科技/产品//系列/纳



米/功能/杯/ (四/大/系列/, /二十/多个/品种/) /并/申请/国家/专利/技术/, /经/国家/权威/部门/ (北京市/理化/中心/、/国家/药物/研究中心/等/) /多项/检测/认证/。/获/多项/检验/报告书/, /证明/德惠康纳米/杯/的/功能/及/安全性/。/2-/甲基/吡啶/ 99.90/康明/斯/EQ153/盆角齿//康/发/产品/, /精工/制造/。/质优价廉/, /批量/从优/。/质量第一/, /信誉/至上/。/加强/联系/, /欢迎/洽谈/。//请拨/打电话/: /0832-56102635610262/联系人/: /罗/燕/ 1R-/顺式-/2-/氟环丙胺/ (1R/, /2S-2-/氟环丙胺/ /用途/: /合成//装运/目的地/: /中国/主/港//灯心绒//亚磷酸二乙 /98/7. /各类/出/风口//工程//公路//堵漏//地下室/车库//贮水池//沉淀/池//地铁//铁路/ /压力/: /0.6-6.4Mpa /等/。/用于/工程//桥梁//施工//隧道//泳池//楼群//建筑//水渠//挡/ [CN]/家具/ /您好/: /我们/是/江门市/万成/古董/家具厂/, /我们/供/家具/, /以下/是/我们/公司/介绍/: /江门市/万成/古董/家具/厂/于/86年/成立/, /已有/多/年/的/购销/和/维修/经验/。/公司/自创/业/以来/, /精益求精/, /质价/取胜/, /得到/广大/用户/同/客户/的/好评/。//公司/长期/生产/、/销售/中国/大陆/南北/古旧/家具/门窗/花/板/。/有/: /樟木顶箱柜/、/榆木通花方角柜/、/红漆二门二/抽屉/柜/、/红漆二门二/抽屉/柜/、/红漆二门梳子柜/、/王木香几/、/王木圈椅/、/通花长方桌/、/五抽闷柜/、/二抽酒棹/等/。/有意者/请/尽快/与/我们/联系/!/祝/商/祺/!/联系/地址/: /广东/江/门/里/村/洋/海/里/110/号/邮政编码/: /529000/联系/电话/: /750-3389813/联系人/: /负责人/电子邮件/: /service@1608.com/网址/: /http://www.jmwancheng.com/产品/产地/: /进口//这些/症状/可能会/伴随/情绪/的/改变/以及/对/异性/失去/兴趣/。//挡圈//异丁胺/99.90/硫酸钾/ /糖/烟酒/礼品/袋/, /时装/, /促销/广告/袋/, /文件/信封/袋/, /卫生/, /婴儿/尿裤及床上/用品/, /圣诞/袋/, /背心袋/, /垃圾袋/等/。//五/氧化/二磷//您好/: /传真/: /0755-26701428/氧化锌//产品/标准/: /Pb/</90PPM /非/接触/红外/体温/测试仪//现/供应/笔筒/、/迭架纸格/、/名片/格/、/三层叠架/、/书信/格/、/小/网/筒/等/。//热/收缩/膜//您好/: /芦荟/所含/的/化学/成分/有/几百/种/。/其中/已/研究/清楚/的/化学/成分/有/70/多种/。/在/化学/成分/中/含量/较/高/的/有效/成分/为/芦荟甙/, /芦荟/多糖/, /还/含

有/纤维素/, /蛋白质/, /维生素/, /蛋白质/, /微量元素/以及/氨基酸/, /有机酸/, /矿物质/, //烷烃/类/, /酶类/等/。//我们/是/上海/富/蔗/化工/有限公司/, /我们/供氰基乙 胺/99Tel:0515-870688087032818706045 [CN]/可供/应还原染料/产品//我/公司/可/长期/提供/优质/还原/黄/G/, /还原/黄/GCN/, /还原/大红/R/, /还原/兰/RSN/, /还原/棕/BR/, /还原/灰/M/, /还原/灰/BG/, /还原/艳绿/FFB/, /还原/紫/2R/, /还原/吡叽/2G/等/产品/。//炔雌醇/EthinylEstradiol/雌二醇/Estradiol/雌三醇/Estriol/坦勃龙/Trenbolone/孕三烯酮/Gestrinone/美雌醇/Mestra /用途:/面议/ /涤纶/短/纤//为一体/的/综合型/企业/。/在/奉贤/, /南汇/, /松江/等/工业园区/及江/浙/一带/均/ /供应/智能/双数显计测器/ /产品/名称:/智能/双数显计测器/ /激光/全息/工艺品/ (镀金/摆件/) /(图/)/产品/名称:/一帆风顺/ /消声/止回阀/ /用途:/贸易/ /偏/三/苯酚/ /邮政编码:/102600 /记忆/播放/功能/ D3/哈纳斯/自然保护区:/布尔津乘/汽车/至哈纳斯/自然保护区/, /在/山上/远眺/月亮/湾/..... /销售/并/订作/各种/车型/空气滤清器/ /我/司/为/一大/规模/生产/滤芯/的/厂 家/, /从/生产/滤纸/到/产成品/均由/我厂/技术人员/操作/成形/, /保证质量//甲基/乙烯/酮/(丁烯/酮/)98.50/标准/电话机/;/合成/甲醇时作/催化剂/, /合成氨/时/作/脱硫/剂/; /并/用于/玻璃//本公司/以/诚信/为/本/, /求真务实/, /结合/并进/, /共创商机/的/哲学/信念/。/热忱/欢迎/国内外/人士/、/经销商/、/防水/施工/公司/光临/本公司/参观指导/, /洽谈/业务/与/合作/。//塑胶/粉碎机/(图/)/特点/ : /1/、/机体/全/钢板/焊接/, /特别/坚固耐/冲击/, /非/铸件/机体/可比较/, /机体/保固/十/年//。/2/、/ “/A/、/C/” /机型/4/排/固定/刀及水/冷却/循环系统/设计/, /产量/高/, /粉碎/能力/强/特别/适合/粉碎/胶头/、/大型/胶件/、/管材/、/机壳类/塑胶/。/3/、/ “/A/、/C/” /机型/列/适合/粉碎/PVC/、/TPR/、/TPE/、质低熔点/塑胶/可/小时/连续/作业/。/4/、/ “/B/、/D/” /机型/2/排/固定/刀/设计/, /清料/简单/方便/, /粉碎/能力/强/。/5/、/可依/客户/要求/加多/附件/及/修改/结构/。/ ZTOV/型泵集自吸/清水/与/排污/于/一身/, /采用/轴向回流外混式/, /并/通过/泵体/、/叶轮/流/道/的/独特/设计/、/不需/安装/底阀及灌/引水/; /它/结构/紧凑/、/运行/平稳/、/维

护/容易/、/效率/高/、/使用寿命/长/，/并有/较强/的/使用/能力/，/使用/十分/方便/。//邮政编码/:322000 1/、/鼓励/外商/投资者/从/企业/中/取得/的/利润/实行/再投资/（/或/增资/）/。/其/再投资/的/利润/原/已/缴纳/企业所得税/可/享受/退还/40/性质/：/无色或微/黄色/液体/。/有/强烈/的/刺激性/，/遇/水分/解/。/能溶于苯/、/四氯///冲压件//我/公司/有/大量/冲压/产品/需外发/加工/，//请有/生产/余力/的/相关/厂家/尽快/与/我/联系/。/

/用途/：/我/公司/目前/对合/成云母/的/需求量/是/50/吨//月/涂料/用/。  
/分散/嫩黄/SE-4GL 4-/氯水杨酸/4-/氨基吡啶/4-/甲基/水杨酸/4-/甲基/水杨酸甲  
/4-/氯丁醇//上海/双琦/化工/有限公司/座落/于中国/经济/、/金融/、/贸易中心/  
/上海/。//能/。/公司/产品/的/应用/涉/及/到/食  
品/、/化工/、/医药/、/造纸/、/环保/、/地//公司/本着/“/质量第一/、/服  
务/第一/”/的/宗旨/，/竭诚/为/广大/客户/服务/，/欢迎/新老客户/来  
电/、/来函/、/来人/洽谈/合作/事宜/。/[CN]/全球/最著名/TORMEC/圆  
风管/机械/，//可加工/最大至/1.4m/直径/圆管/。/强度/大/，/密封/性  
能好//。/各种/直径/圆管/转换/迅速/，/有/高速/同步/切断/装置/，/加  
工/速度快/，/性能/稳定/。/全球/最著名/TORMEC/圆管弯圆机/，/其/加  
工/能力/强/，/施工/方便/、/快捷/。/操作/简单/，/对/环境/和/电器设  
备/无/特别/要求/。//硝酸/钴/ /异丙醇/ /产品/标准/:/净水/ /硬脂酸甘  
油乌/骆驼/品/淀粉/葡萄糖/ [CN]/寻/感应/卡/设备/代理人/(/商/) /本公  
司/是/一家/生产/感应/卡/一卡通/设备/（/考勤机/、/售饭机/）/的/科  
技/公司/，/产品/主要/面向/学校/、/企业/、/事业单位/，/希望/能/与/合  
作/人/共同/开拓/本地区/的/市场/；/[包装]/：/25KG/桶/（/纸板桶/）/  
/交货/地点/:/均可/ /全/不锈钢/制造/可拆绞肉头/防水/开关/CE/认证/  
/产品/产地/:/本厂//阿/维/菌/素/预/混/剂//弹力/雪纺/The2-piecehighqualitytungstensteelblade  
/备注/:/量大价优/，/质量/可靠/ /加拿大/合作/山野菜/加工/项目/ /加  
拿大/合作/山野菜/加工/项目/ XGF-2/加氢裂化/阻垢剂/ 0311-4322158  
/磷酸氢钙/ 2-/ 基异丁酸乙 /99[CN]WYK/系列/直流稳压稳流器/  
/性能/特点/：/★/稳压稳流可/连续/调节/，/使用/方便/；/★/串联/二

次予稳压/设计/, /提高/整机/工作/效率/; /★/管道/式/循环/散热/设计/, /整机/温升/低/, /产品/寿命/长/; /★/功率/器件/不外/露/, /不会/意外/损坏/设备/; /★/过流/、/过压/、/短路/、/过热/全方位/保护/, /安全/可靠/; /主要/应用/ : /★/直流电机/测功机/配套/; /★/直流电机/检测/、/老化/、/电动车/电机/检测/、/测试/; /★/电解电容器/、/电阻器/、/继电器/等/电子器件/检测/、/老化/; /★/军事/设备/、/航空/、/航天/、/铁路/、/工业/自动化/等/领域/; /★/电子/线路/实验/、/医疗/仪器/、/交通/、/通讯/等/应用/; /主要/技术/参数/ : /输入/电压/ : /单相/AC220V/±10/三聚氰胺/ /产品/标准/ : /蜂巢/、/塔丝纶/透气/白/胶/涂层/ /分散剂/ E-mail/ : /hcr001@vip.163.com e-mail:syj@mail.5322.com/软包装/产品/, /包括/各种/塑料/包装袋/。/如/食品袋/、/茶叶/袋/、/奶粉/袋/、/酱油/袋/、/酒袋/、/榨菜/袋/、/真空/袋/、/蒸煮袋/、/铝箔袋/、/电割袋/、/服装/袋/ ( /手提袋/ ) /、/方便/袋/ ( /背心袋/、/垃圾袋/ ) /、/立体/袋/ ( /自立/袋/、/直立袋/ ) /、/拉链/袋/ ( /自封袋/、/凹凸扣袋/ ) /、/农药/袋/、/种子袋/、/塑料袋/、/复合/袋/、/包装袋/等/。 / /我/场/苗木/自产自销/品种/多/规格/全/无/中间商/面向/全国/代办/铁路/飞机/托运/100/元起邮量大可/优惠/, /并可/送货上门/。 / /装运/目的地/ : /桐乡/ /传真/ : /0577-86837889 /柴油车/输油泵/、/塑料/风叶/。 /本厂/专业/生产/各种/柴油/车用/输油泵/、/塑料/风叶/。 /产品/型/多/号/齐全/、/欢迎惠顾/。 /野禾/系列/热塑性/弹性/体更/具有/以下/优点/ : /它可/以/通过/二次注塑/成型/, /牢固/地包覆/并/粘合/在/PP/、/PE/、/PS/、/ABS/、/PC/、/PA/等/基体/材料/上/, /也可/单独/成形/后/, /套/在/手柄/上/。 / /邻氨基苯甲酸/99/酸性/媒介/黑/A [CN]/供/压力/机旋铆机铆钉机/液压机/冲床气弹簧/等/ /江苏/省宝/应县/金华/压力/设备/制造厂/ ( /网址/ : /www.jszxb.com/电话/ : /0510-8865203212249513961784560/ ) / /工业/生产/销售/气动/压力机/、/气动/旋铆机/、/气动/铆钉机/、/液压/旋铆机/、/液压机/、/脚踏冲床/、/电动/台冲床/、/气动/冲床/、/手动/压力机/和气/弹簧及/相关/配件/如气缸/、/继电器/等/, /品种/齐全/, /生产工艺/先进/, /技术/力量/雄厚/, /测试/手段/齐全/。 /我们/将/竭诚/为/海内外/的/广大/客户/服务/。 /并可/根据/用户/的/需要/进行/改型/制造/, /并/同

时/提供/配件/附件/。/保证质量/，/并/交货/及时/，/提供/优质/的/售后  
服务/。/我厂/宗旨/：/“/质量第一/，/用户/第一/，/信誉第一/”/。/热  
忱/欢迎/广大/用户/来电/来函/洽谈/订购/。/ /弹力/府绸/绣花/ /间氨  
基苯酚/99.50/我/公司/总代理/法国/"7分/打扮/"天然/植物/精华/护肤  
品/系列/：/美白保湿/、/深层/修复/保湿/、/眼部特效/、/手部护肤/、/功  
效/型护肤/等/护肤/系列产品/。/ 2-/氰吡啶/99/该/产品/是/本公司/新  
产品/，/是/一/种用涤纶超细/纤维/丝/交织/的/超柔软/面料/，/在/经  
编/行业/中/占有/一定/市场/。/该/产品/广泛/用于/服装/，/玩具/行业/。/该/产  
品/的/手感/是/其它/经编/产品/无法/比拟/的/。/ /三苯基乙基溴化磷/  
99/烘干机/ /我/公司/需要/求购/一台/饲料/烘干机/，/这里/将/需要/烘  
干/的/饲料/情况/介绍/如下/，/请/帮助/选择/合适/的/烘干机/。/动物/肉  
渣粉/、/植物/渣/（/0-3MM/大小/）/，/原来/水份/在/15-30/磷酸/、/甲  
酸/、/醋酸钠/、/氢氧化钾/、/ /用途/：/经营/ /化纤/长丝/织物/ /我/长/供  
应/各种/塑料/风机/，/适用于/化工/，/电镀/等/防腐/场所/./欢迎/选购/./中  
英文/智能/电磁/流量计/、/稳定/的/性能/、/合理/的/价格/、/你/理想/的/选  
择/ /国际/名牌/购物/网/招商/部/王/小姐/ KZL/系列/快速/整粒/机/ /招  
聘/国际/货运/代理/业务人员/和/办公室/秘书/1/、/海运/操作/人员/1/名/  
/五/乙 烯/六 胺/99.00/弹力/ /份/有限公司/以及/蓝/星/集团/各/下属/企  
业/的/各种/有机/硅/产品/ /邻乙氧基苯甲酸甲 /99/四/。/项目/效益/与/分  
析/ /生物/冰袋/(图/) /用于/生化/试剂/，/锡膏/，/兽药/，/血浆/，/疫  
苗/，/水产/，/海虫/，/观赏鱼/，/奶制品/，/肉制品/，/农产品/，/花  
卉/，/蔬菜/，/水果/等/长距离/保鲜/运输/。/ /转让/2000年三凌吉普/V6/V73/帕  
杰罗/ /转让/2000年三凌吉普/V6/V73/帕杰罗/，/八成新/，/车况好/，/手  
续/齐全/，/转让/价/6.5万/元/.98年三凌吉普/V33/转让/价/4.1万/元/.两  
车/都是/单位/用车/./欲购者/与/：13599738747/与/苏/永康/联系/ 4/。/建  
设/条件/：/黔江/及/周边/。/市/。/县/。/土地资源/丰富/，/蔬菜/无污  
染/，/生产/技术/稳定/，/交通/方便/，/水电/，/通/ /有/保障/。/EPSON/、/CANON/喷  
墨/打印机/各型/号/博图/品牌/墨盒/，/保证/打印/效果/ 1-phenyl-3-methyl-  
5-pyrazolone99/双钢轮/振动/压路机/ /供应商/必须/能够/提供/技术/支



持；/请有/兴趣/的/合格/供应商/把/该/设备/的/具体/价位/、/设备/彩色/图片/、/设备/技术/参数/及/公司/简介/用电/子邮件/形式/发送/到/我/公司/信箱/，/我/公司/经过/认真/对比/后/会/给/贵公司/一个/答复/！//电/调//FM/收音机/；/我们/是/深圳市/威尔/商贸/有限公司/，/我们/供/玩具/，/网络/营销/解决/方案//产品/标准:/弹力/顺发/绉/3-溴苯酞二 /甲基/丙酸六氟磷酸/，/六氟磷酸钠/，/六氟磷酸铵/，/等/六氟化物氟硼酸钾/，/氟硼酸铵/，/氟硼酸钠/等/氟化物氟化镁//此/供应/长期有效/，/欢迎/查询//生产/和/经营/于/一体/的/综合型/企业/，/桃浦/有自/己/的/生产/厂房/，/在/奉贤/，//二月/桂酸二丁基锡/CN/≥/18/上海/二正丙胺/99.5Frontwheelsizesis:1,85quot;2,25quot;x17quot;

/摩托罗拉/V60/500/元/V70/800/元/T190/260/元/T191/300/元/360E/980/元/720/1150/元/388C/系/电话:/13599738747/联系人:/苏/永康//丙酮//产品/标准:/钟/管/镇/致力于/工业/强/镇/，/始终/把/工业/经济/作为/经济/工作/重中之重/来/抓/，/通过/工业/经济/的/发展/来/促进/效益/农业/发展/和/小/城镇/建设/。/目前/，/在/工业/上/形成/了/以/生物/化工/、/精细/化工/和/装饰/材料/为主/导/的/产业结构/，//拥有/国家级/企业集团/—/升华/集团公司/，/99年/11月/16日/，/升华/集团/下/属/拜克/生物/股份有限公司/发行/3600万/股/A/股/在/上/海/证交所/上市/，/成为/湖州/地区/首/家/上市公司/。//二硫化钼/70/清/树脂//灯芯绒/裤//请有/意/合作/的/工厂/，//新/到/大量/二手/原装/IBM/移动/PC/，/配置/：/12.1/寸/TFT/真彩/液晶/显示器/，/最高/可上/1024X768/，/光驱/，/1.44/软驱/，//过硫酸铵/98.50/地址:/河北/黄骅市/北内环/205/国道/东/80/米//硫酸二甲 / /产品/标准:/ wwjjvivan@21cn.com /振泰供/3-吡啶乙酸(IAA) /您好:/十四/酸/99.90/粉碎机/系列/混合/机/系列/制粒机/系列/筛/粉机/系列/干燥/系列/ /粉碎/系列/ /产袋/规格/：/可/调/ /售/黑色/PE/聚乙烯/再生/料/ /本公司/常年/大量/提供/黑色/PE/再生/料/，/有意者/请与/我/公司/联系/。/可/提供/增值税/发票/。//温度/：/≤/100/°C/ /白/肥/ /我/公司/成/立/于/1999年/，/自/成/立/以/来/，/以/其/超/前/的/意识/，/在/市场/的/占有/份/额/不/断/上升/。/高/素/质/的/管理/人员/和/技术人员/是/我/们/的/一/大/财/富/，/随着/世界/经济/发展/及/科技/的/进

步/, /本公司/亦/紧贴/市场需求/不断/努力/, /我们/奉行/一个/宗旨/: / “/以/最/好的/产品/满足/客户/的/要求/” /。//酒精/回收/塔/、/真空/蒸馏塔/、/多/功能/提取/罐/、/减压/农缩/罐/ /本厂/主要/产品/有/: / 3/. /项目/总/投资/: /5500万/元/人民币/。//硅酮/密封胶/ /钟/管/镇/荣誉/栏/ /如果/你/想/的话/就/跟/我/联系/。/谢谢/。//电话/: /0631-6990355 /放空/阀/ /用途/: /贸易/ <http://www.tuolasi.net/> /在线/QQ:102025184/三丁基氯化锡/99a)Bigpot:6quarts /提供/所有/国产/及/进口/压路机/、/摊铺机/、/铣刨机/、/挖掘机/、/推土机/、/打桩/机/、/橡胶/配件/。/1/、/摊铺机/履带/板机/型/: /徐/工/、/福格勒/、/ABG/、/戴纳派克/、/英格索兰/、/陕建/、/中联/、/三一/、/BIELLI/、/鼎盛/、/华通/、/中大/、/西安/筑路/、/新/筑路/桥/等/。/2/挖掘机/橡胶/履带/板机/型/: /HTACHI/、/小松/、/大宇/等/、/各种/国产/中小型/挖掘机/3/、/压路机/减震器/机型/: /徐工路友/、/戴纳派克/、/英格索兰/、/宝马/、/小松/、/卡特/、/悍马/、/CASE/、/酒井/等/。//叠氮化钠/99/供应/汽车/标准/强度/弹性/螺母/、/紧固件/,连接/件/、/结构/冲压件/,汽车/非标准/强度/弹性/螺母//武汉/必达/机电/实业/有限公司/创建/于/1992年/, /是/一家/专业/生产/汽车/标准/和/非标准/高强度/弹性/螺母/、/紧固件/、/连接/件/和/结构/冲压件/的/民营企业/。/lt;br>lt;br>/公司/厂/区/占地面积/26000/多/平方米/, /厂/房/建筑面积/5000/余/平方米/。/公司/注册/资金/1000万/元/, /总/资产/L-/天门冬氨酸碱/ /产品/标准/: /我/司/现急购发胶/, /销往/澳大利亚/, /如/有/生产/此类/产品/的/厂家/请速/与/我/联系/。//弹力/类/面料/ [CN]/水彩/笔/ /水笔/, //二十/四色/, /可/提供/图片/。/如/有/类似/产品/请与/我/联系/, /谢谢/! //第二/功能/: /车载/免提/——/开车/打/手机/, /方便/又/安全/; /不用/拿起/手机/, //即可/完成/通话/; / 5/、/经/税务/机关/批准/, /允许/外商/投资企业/的/固定资产/加速/折旧/。/ 1XH-200/型聚/乙 烯/蜡/105 1158500 /还有/更多/款式/请/打开/(产品/目录/)/查看/或/与/我/行/联系/。/供应/电子/胎压计/ /数字式/汽车/轮胎/压力计/, /产品/有/二十几/个/系列/, /一百/多个/品种/, /Accutirereg;数字式/轮胎/压力计/具有/准确/度高/、/全/电子/式/液晶/显示/ (有/背光/显示/、/夜间/找孔/指示/、/轮胎/花纹/深度/测量/等/功

能/) /、/自动/开关/、/使用寿命/长/、/性价比高/、/携带方便/, /是/驾驶/朋友们/的/常用/工具/。/其/价格/适中/, /也/是/汽车/生产/、/销售/企业/及/配套/企业/上佳/的/广告/宣传品/ ( /可/根据/企业/需求/定做/内外/品牌/包装/, /包装/方式/有/热/合/塑料/、/礼品盒/等/) /。/征/代理/分销/商/, /详情请/浏览/我/公司/网站/<http://www.gd-antai.com>/电话/ : /0750/ /6655202668035  
真/ : /0750/ /6655456/邮/址/ : /sale@gd-antai.com1 21XH-211/型/PVC/专用/蜡/15900 /灯心绒/乱/印//急求购/200KW/防爆/柴油机/、/200KW/防爆用/发电机/禾各/20/台/ /四/、/鞋撑/的/强度/高/, /耐压性好/, /造型/美观/, /可满足/各款/鞋/式/使用/。//四/大/功能/ : / /淄博/海杰/化工/有限公司//废/ABS /用途/:加工/ 2-/氨基/-2-/甲基/丙醇//产品/标准/:  
FAX:020-83848110 /风机/盘管软接头/ /产品/名称/:风机/盘管软接头/  
/叔丁胺德/BASF/进口//上海/元越/化工/有限公司/.021-52827579.52806095/质量/保证/, /量大/价格/优惠/.[全国各地/, /可/代办/托运/]. [CN]/供应/各种/AA,AAA/碳性干/电池/ /兆能/电池厂/专业/供应/各种/AA,AAA/碳性干/电池/, /该/产品/属无汞/、/低铁/、/低镉/环保/电池/, /产品/各方面/的/指标/均/已达到/国际上/相关/规定/, //并/已/达到/国际/、/国内/名牌/同类产品/的/水平/, /无论是/贮存/性能/和/防漏/性能/绝对/经得起/考验/。/详情请/浏览/我们/的/网站/或者/直接/电邮和/我们/讯盘/./讯盘请/注明/您/的/邮件/地址/, /谢谢/ ! //氯霉素//产品/标准/:BP98/BP2000  
/非/重复/充装/焊接/钢瓶/ 4-/ 基/-3-/吡啶/磺酸/ /用途/:出口//生产/销售/天然/化妆品/原料/水, 油//您好/: /弹力/丝绸/面料//求购/汽车/防盗器/主机/外壳/ /本人/因/生产/需要/, /急需/汽车/防盗器/主机/塑料/外壳/, /有/货/者/尽快/与我/联系/ ! //深圳市/松野/电器/有限公司/系/中外/合作/经营/企业/, /专业/研发/、/制造/高压/电源/及/环保/小家电/产品/。//主要/有/ : /负离子/发生器/、/臭氧/发生器/、/家用/空气/净化器/、/车用/空气/清新/机/、/车用/臭氧/除味/杀菌/机/、/家用/果蔬/解毒机/、/工业用/臭氧/消毒/机/、/U/盘氧吧/、/负离子/电吹风/、/氧吧护眼台灯/、/高压/灭/蚊/电源/等/。//重量/ : /32/克/ /诚心/希望/与/您/合作/ ! /欢迎/来电/、/来人/咨询/、/洽谈/。/2/、/入园/项目/符合/国家/法



律、/法规/和/产业/政策/的/规定/。//卡巴肼/99/环/己/烯/99.5/蜂巢/塔  
 丝纶/PU/白/胶/透湿/涂层/ /蜂巢/茶巾/ /壳聚糖/ /产品/标准:/各种/数  
 目/ /电站/用/调节阀/ /通径/：/15-50mm L-/缬/氨酸/ /产品/标准:/FCCIV  
 2/、/合理/的/价格/。/最低/供货/价/，/超大/利润/空间/。/ FL/系列/沸  
 腾/制粒机/ /我们/真诚/期待/与/您/携手/合作/，/共同/开拓/国内外/市  
 场/。/欢迎/新老朋友/来/我/公司/洽谈/！/delong@heinfo.net/II/：/F46/窄  
 口瓶/、/洗瓶/、/滴瓶/、/离心/管/、/亚/沸腾/蒸馏器/、/烧杯/；/2XH-  
 201/型/氧化/聚乙烯/蜡/9010512500/本品/底部/小盒置/有/芳香/香料/，//散  
 发/出/悠悠/芳香/，/能/使/人/心情/舒畅/，/平静/，/倍/觉/神清气爽/。/  
 /我/公司/专业/生产/办公/家具/（/转椅/，/台面/板/，/屏风/）/系列/，/各  
 种/款式/齐全/，/提供/度/身/订造/和/完善/的/售后服务/。//磁漆/铁  
 丝/窗纱/—/绿色/涂/塑/铁丝/窗纱/—/绿色/，/蓝色/等/ WFJ-30/型微/粉碎  
 机/140\*140/；/JHX140\*160/；/JHX-127\*127/；/JHX-120\*120/；//联系/地  
 址:/湖南/衡阳市/石鼓/区/五一路/82/号/ /怡家光触媒杀菌/净化/环  
 保/产品/征/代理商/ /产品/名称:/怡家/ L-/半胱氨酸盐酸盐/医药/级/上  
 海/L-/半/胱/胺/酸/98/本公司/创建/于/己/于/1985年/，/至今已/近/20年/历  
 史/./一贯/是/印制/化妆品/，/药品/，/食品/，/电器/产品/，/玩具/，/服装/等  
 的/包装/装潢/用品/./主要/是/商标/，/纸盒/，/纸袋/，/吊牌/等/产品/./自从/90年  
 代/，/本厂/率先/引进/不干胶/商标/生产/技术/和/设备/，/经过/不断发  
 展/，/至今已/拥有/两/台/全新/进口/四色/商标/机/，/四/台/自动/四色不  
 干/胶印/刷机/，/全部/工序/一次性/完成/的/现代化/印刷/生产线/，/并/配  
 备有/一/批/经验/丰富/的/技术人员/和/美术/设计/人员/。[CN]/手提式/升  
 降机/（/全球/最/轻/的/起重机/）//用于/承载/重物/的/升降/，/通风管  
 道/适合/风机/盘管/冷冻/设备/高空作业/舞台/灯光/，/百货/贮藏/等/重  
 物/的/安装/。/该机/为/全球/最轻之/小型/折叠/式长降机//，/机身/为/铝  
 合金/制造/，/五脚/着地/，/可伸缩/，/随时/调整/，/不受/地形/高低/或  
 凹凸/不平/地面/限制/，/稳定/性高//。//四/乙/烯/五/胺/99.90/威海/卡  
 尔/超声/工程/有限公司/隶属于/卡尔/企业集团/。/是/山东省/科委/认  
 定/的/高新技术/企业/，/专业/开发/制造/功率/超声波/设备/及/系统/。/目

前/主要/产品/有/：/超声波料/焊接/机/、/超声波/工业/清洗/机/。//四/乙  
 烯/五/胺//产品/标准/：/产品/产地/：/上海/产/[CN]/生产/功率放大器/，/功  
 放机/，/压缩/限幅器/等/产品//恩平市奥特/发展/总公司/位于/广州/珠  
 江三角洲/内/，/毗邻/港澳/，/交通/方便/。/公司/创建/以来/，/发展/迅  
 速/，/在/全国各地/有/15/个/分支机构/，//拥有/自己的/工业/大厦/。/其  
 中/奥达/音响/器材厂/是/从事/专业/音响/器材/的/研究/、/开发/及/生  
 产/，/产品质量/已达到/先进国家/同类产品/的/水平/，/已/为/多个/国  
 家/的/公司/OEM/专业/音响/器材/，/都/获得/客户/的/好评/，/并为/客  
 户/保密/。/我们/公司/专业/生产/功率放大器/，/功放机/，/专业/立体  
 声/均衡器/系列/，/多/频段/音频/激励/器/，/电子/分频器/，/压缩/限幅  
 器/等/产品/。/公司/以/“/团结/、/创新/、/务实/、/高效/”/的/企业/精  
 神/，/竭诚/与/各国/专业/音响/人士/友好合作/，/为/客户/提供/高/质/素/的/产  
 品/，/为/客户/提供/满意/的/服务/，/共创/美好/的/明天/。/欢迎/来人/来  
 电/洽谈/业务/。//呋喃唑酮/产品/标准/：[CN]/止 器/ /健康/睡眠  
 更/安心/ /止 器/ /健康/睡眠更/安心/山佳止 器/设计/原理/和/功  
 能/特点/巧妙/独特/，/止 效果/非常/明显/。/由于/人的/身体/状况/、/生  
 活习惯/、/打 历史/，/发展/程度/以及/咽部/结构/各/有/差异/，/发  
 生/打 的原因/十分复杂/，/各不相同/，/使用/山佳止 器/的/效  
 果/亦/表现/各异/。/有的/使用/较/短/时/期/后打 能/停止/或/减轻//，/也/有  
 的/则/需要/较/长期/逐渐/改变/打 和/张口/呼吸/的/习惯/，/但/只要/坚  
 持/使用/本品/，/均/会/起到/防治/打 /、/控制/发展/、/减轻/和/消除/  
 声/的/家庭/自我/理疗和/手术/愈后理疗/的/作用/和/良好/效果/。/详情  
 请见/：/ <http://www.8848.net.cn> /联系人/：/任/经理/电话/：/0539-71688488888848  
 /销售/不锈钢/顶书针/(图/) /产品/名称/：/不锈钢/顶书针/ 1./具备/良  
 好/的/商业/信誉/和/社会关系/，/并/拥有/一定/的/资金/实力/；// /流  
 量/控制阀/ /通径/：/40-800mm /工业/盐酸/ /用途/：/生产/用/ /温度/：/-  
 10-80/°C/ /联系/电话/：/29-82080535 /联系/电话/：/10-84647117 /汽车/点  
 火器/ /我是/台湾/日盛/国际/宁波/办事处/，/急需/图片/中的/四/款/点  
 火器/，//有生产/厂家/尽快/和我/联系/!!! /公司/主要/产品/包括/陶

瓷、/石英/晶体/二大/系列/的/谐振器和滤波器/系列产品/, /产品/主要/应用于/通讯/、/PF/摇控/、/TV/、/电脑/、/音响/等/多种/领域/。/产品质量/稳定/可靠/, /为/国内/各大/整机/生产/企业/配套/。/ [CN]/供应/电子/显示屏//室外/点阵/屏/室内/点阵/屏/证券/显示屏/金融/利率/屏/体育场馆/屏/民政/显示屏/N-/乙基/吡/唑//产品/标准:/98/我们是/上海/富/蔗/化工有限公司/, /我们/供二乙基 胺/上海/, /磷酸/三乙/ //产品/标准:/99.5/联系/电话:/371-4352945 4-/氰基吡啶/ 99/测试/电压/: /2500V/ (3121/) /, /5000V/ (3122/) /诚寻/艺术类/产品/长期/供货商//我/司/投资/的/《/国际/名牌/购物/网/》/在/开业/之际/, /诚寻/艺术类/品牌/产品/或/服务/长期/供货商/合作/ (含/琴/、/棋/、/书/、/画/、/婚纱/摄影/、/盆景/等/) /, /有意者/请/登陆/我/司/主页/登记/或/电询/。//联系/单位/: /重庆市/黔江/区/种子/公司/ / / / /常年/求购/废/ (回收/) /醋酸乙 /、/丁/ /、/混合/ /、/丙酮/、/丁/酮/、/环/己/酮/ /用途:/生产/ /全新/倒车/雷达/免/提/安全/镜/, /融/倒车/雷达/、/车载/免提/、/录//放音/、/防眩/防雾/后视镜/于/一体/, /汇集/当今/高科技/车用/电子/精华/, /强势/上市/。/ 2,4-/二/氟/溴/苯/ /乙 乙酸乙 /(美国/99/多种/语言/转换//四/、/产品/销售/: /100/苄基三丁基氯化铵/99/ (一/) /基本/优惠/ 2/. /收敛/, /涩肠/石榴/ (酸者/) /味酸/, /含有/按质/、/生物碱/、/熊/果酸/等/, /有/明显/的/收敛/作用/, /能够/涩肠/止血/, /加之/其/具有/良好/的/抑菌/作用/, /所以是/治疗/痢疾/、/泄泻/、/便血及/遗精/、/脱肛/等/病症/的/良/品/。//电子邮箱/: /gaozhaogong@sohu.comangle262@tom.com TEL:020-8384664783858125 /生命/之/光/青春/再造/, /返老还童/不再是/梦想/! / “/羊胎素/” /风暴/曾经/席卷/全国/, /令/无数/商家/与/消费者/切实/感受到/了/由此/带来/的/利润/与/功效/, /由于/种种原因/导致/ “/羊胎素/” /被/全面/封杀/。/然而/获得/巨大/利润/的/代理商/、/美容院/, /得到/切身/感受/的/终端/消费者/均/在/急切/寻找/替代/ “/羊胎素/” /的/一/种/高/功效/、/高/利润/的/产品/。/ “/诺曼茜/” /干细胞/逆衰驻颜/美容/针剂/正好/填补/了/这项/市场/空白/, /它以/高端/的/技术/、/完善/的/产品/、/高档/的/包装/、/合理/的/价位/、/可靠/的/保障/迅速/占领/全国/市场/。//茂名/易/维/科技/为/客户/提供/一站式/的/IT/及/网

络/服务商! [CN]ACL/液压/折边机//本/机械/为/全/钢板/焊接/结构/, /经/振  
动/时效/, /保证/强度/高/, /变形/量小/, /操作/方便/, /机床/能耗低/经  
久耐用/。/本/机械/为/全/液压/设计/, /系统/宁静/, /维修/简易/, /压  
刀可分段/, /适合/于盘盒类工件/制作/, /开口/高度/达/200mm/上压刀  
可/自动/调整/高度/, /工作/角度/可/快速/调校/, /特别/适合/橱/具/、/五  
金/、/家具/等/加工业/。//防爆/波/阀门//用途:/贸易//通径/: /15-300mm  
[CN]/臭氧/负离子/消毒/清新/机/, /灭菌增氧机/等//我/司/是/一家/专  
业/生产/供应/家用/型/03/多/功能/灭菌机/、/“车净宝”/臭氧/除味  
灭菌机/、/“厨净宝”/臭氧/灭菌机/、/“护阴宝”/03/灭菌洁阴/护  
理/仪/、/“绿/森林”/臭氧/负离子/消毒/清新/机/、/“鱼护士”/灭  
菌增氧机/等/六/大/系列/九/大/品种/产品/企业/。/产品/横跨/消毒/、/保  
健/、/酒店/、/小家电/、/厨卫/、/汽车/美容/、/水处理/、/医疗/器械/等/八/大/行  
业/, /形成/强有力/的/产品/扇形/分布/, /以/技术/的/高/起点/、/品种/的/系  
列化/形成/自己/独有/的/核心/竞争力/。/与此同时/, /我们/也/热忱/欢  
迎/广大/客户/朋友们/与/我们/联系/洽谈/, /共谋/发展/, /共创/繁荣/。//  
/备注:/东莞/营销/网/主要/业务/: //就被评库省优/, /部优/, /有/两个/产  
品/还/获得/国家/金质奖和银质/奖章/, /原/国/在/体育场馆/、/桥梁/道  
路/、/建筑/外檐/、/园林/景观/、/文化娱乐/等/领域/的/照明/工程/进  
行/了/设计/施工/, /在/客户/中/享有/很/高/的/信誉/。//我/公司/生产/的/智  
能/照明/系统/获得/国家/专利/, //具有/手控/、/遥控/、/集中/控制/、/定  
时/控制/、/场景/控制/、/远程/控制/等/十/大/功能/。/无论/您/在/哪里/, //家  
中/的/电灯/和/电器/都/在/您/的/掌控/之中/。/安装/简单/、/价格/合理/。/适  
合/大举/进入/楼盘/、/小区/及/居民/家庭/。/市场/前景/十分/广阔/。//  
/汽车/水泵/总成和/配件/系列/浙江/黄河/机电/设备/有限公司/企业/简  
介/浙江/黄河/机电/设备/有限公司/创办/于/1987年/, /以人为本/, /以/市  
场/为/导向/, /重视/新/产品/开发/和/科技/投入/, /运用/现代/企业管  
理/模式/进行/操作/, /使/企业/始终/处于/行业/领先地位/, /公司/特  
委托/台湾/著名/管理/专家/指导/管理/, /率先/通过/ISO9002/国际/质  
量/体系/认证/以及/汽车/行业/美国/标准/QS9000/质量/体系/和/UL/安

全/认证/。/公司/拥有/一支/高素/质的/管理/队伍/, /以/顾客/满意/为/企业/的/经营/方针/, //以用/户/是/ “/上帝/” /为/企业/的/座右铭/, /以/敬业/务实/、/求质创优/为/企业/精神/, /视/产品质量/和/商业/信誉/为/企业/第一/生命/, /不/断地/进行/改进/和/完善/, /为/用户/提供/可靠/的/品质/和/信誉/保证/。/产品/除/配套/国内/主要/整车/厂家/（如：/一汽/集团/、/二汽/集团/、/上汽/集团/、/南汽/集团/、/厦门/金龙/、/轻骑/集团/、/广汽/集团/、/广东/天马/、/天海/集团/）/外/, /还/大量/出口/美国/、/法国/、/日本/、/意大利/、/台湾/、/香港/等/国家/和/地区/, /深受/顾客/青睐/和/好评/。/主要/产品/有/：/汽车/插接件/（/塑料/护套和/端子/）/系列/、/汽车/水泵/总成和/配件/系列/、/汽车/发电机/和/起动/电机/铝端盖及/皮带轮/、/汽车/线束/总成/、/汽车/配电/盒/、/汽车/灯座/总成/, /摩托车/开关/把/座/总成/、/电子/元器件/等/。/浙江/黄河/机电/设备/有限公司/HuangheElectromechanicsCo.,Ltd,Zhejiang,China/地址/：/温州市/磐石/镇/工业区/邮编/(pc)/：/325602/ADD/：/PanshiTown,IndustrialZone,WenzhouZhejiang/话/（/Tel/）/：0086-577-62841699/628455196288288662871699/传真/（/FAX/）/：0086-577-62849099/62871357/网址/(Http)/:www.honha.com/电子邮件/(E-mail):webmaster@honha.com/经理/(GeneralManager)/：/陈/德/岳/（/ChenDeYue/）/E-mail:hxcdy@yeah.net/手机/(M.T):013806607189/电话/（/Tel/）/：0086-577-62848950/邮政编码/：213116/工业/蔡/, /煤/沥青/混凝土/减水剂/ /联系/电话/：577-62560699/美白牙/ /您好/：/对夹式/止回阀/ /用途/：/贸易/ /对/异丙基苯甲酸/99.0NH<sub>2</sub>-Arg-H /用途/：/出口/ /广泛/用于/：/海关/、/机场/、/码头/、/车站/、/学校/、/工厂/、/部队/、/会堂/、/影院/等/公共场所/。//邮政编码/：710065 E-mail:kao.shen888@msa.hinet.net info@maxtrust.biz/坩埚/金属/熔剂/耐火材料/陶瓷/滤板/耐火/纤维/糊/耐火/纤维/系列/相关/产品/高温/涂模剂/炉用涂模剂/测温棒及/陶瓷/保护/管/流道红土塞头/锌/铝合金/冶金/原料/及/相关/产品//无水哌嗪/99/地址/：/深圳市/罗湖区/红/桂/路/1029/天元/大厦/8H pcb/生产/制作/ /深圳市/恒诺达/电子/有限公司/是/一家/专业生产/单/、/双面/及/多/层/（/4-8/）/印制/电路板/的/大型/厂家/, /并/提供/设计/、/生产/和/技术咨询/等/方面/的/服务/。/可/承接/间距/（/线距/）/0.10MM/, /最



小孔径/为/0.35MM/的/高精度/生产/。 / /环己胺/99>90/邻/氯/氰/苄/ /电  
站/用/调节阀//通径/： /15-50mm/图片/见/： /<http://syty0830.5322.cn/>(因/全  
息/图/无法/以/照片/拍出/立体/3/维/， /故/以/实物/为主/) // (二/) /、 /受  
理/ 1/， /4-/二氧六环/年产/5000/吨苯乙酸乙 苯基丙二酸二乙 乙基  
丙二酸二乙 苯基乙基丙二酸二乙 //工厂/现货/， /价格/面议/， /服  
务/完善/ /电脑/轿车/及/数码/产品/优惠/50/功能/简介/： //它有/以下/特  
点/： / >>/我/公司/产品/包括/磁性材料/： /等方性/铁氧体永磁/、 /干  
压/、 /湿压异方性铁氧体永磁/、 /锰锌/、 /镍锌铁氧体软磁/、 /粘结  
钕铁硼永磁/、 /橡胶/铁氧体永磁/、 /铁铜基粉末/冶金/零件/。 /适  
用/各种/微电机/、 /变压器/、 /文具/、 /吸力器/、 /家电/、 /办公自动  
化/设备/、 /风扇/、 /洗衣机/、 /玩具/、 /搅拌机/等/。 / /陈/科/群/ /弹/丝/  
/邓/亚/萍/ /而/成/。 /用于/干燥剂/、 /脱水剂/、 /沉淀剂/、 /氯化钙/水溶  
液/还/是/重要的/制冷/ /产品/特性/： /将/本品/直接/喷洒/于/电脑/、 /家  
用电器/上/， /轻轻/擦拭/外壳/、 /显示/屏幕/、 /数字/按键/， /即喷/、 /即  
擦/、 /即净/， /无需/过水/。 /防/老化/、 /延长/使用寿命/、 /无/任何/腐  
蚀性/。 /是/新颖/的/环保型/清洁/保养/液/。 //一/、 /镀锌/铁丝/： / /弹  
性/织物/ //备注/： /纯棉/与/涤棉坯布/ /我/公司/常年/生产/涤棉及纯棉/面  
料/和/定织/纯竹/纤维/平布/、 /竹/纤维/斜纹布/、 /竹/纤维/和/棉混纺/面  
料/、 /天丝/纯/面料/和/天丝/与/棉混纺/面料/、 /细旦/涤纶/面料/有/： /与/莫/代  
尔/纱/交织/面料/。 /在/本/工业园/区内/对/投资/于/生产性/项目/， /基  
础设施/项目/， /高新技术/和/现代农业/项目/， /经营/期/在/十/年/以  
上/的/外商投资企业/， /从其/获利/年度/起/， /可/享受/企业所得税/“/五  
免五/减半/” /的/优惠/。 /被/认定/为/外商/投资/的/高新技术/和/现代  
农业/项目/， /经营/期/在/五/年/以上/的/， /在/享受/前述/政策/后/， /十  
一/年/至/五/年/企业/缴纳/的/所得税/， /按/县/得/部分/的/302/： /语音/COB/、 /音  
乐/COB/、 /闪灯/COB/、 /音乐/COB/、 /玩具/类/玩具/COB/ /传真/： /0769-2982297  
/芳烃/增塑剂/ Email:jkpliusheng/深圳市/金凯/鹏/电子/有限公司/ /叔丁  
醇/99.90<http://www.yurentech.com/>祝/商/琪/! 2001年/， /浙江省/文明/镇/  
/七星/ZB/系列/胶体泵/、 /又称/罗茨泵/、 /不锈钢/转子泵/、 /凸轮泵/、 /万

用/输送/泵/、/酵母泵/、/蝴蝶/泵/、/三叶泵/、/鞋底泵/、/药料泵/、/热溶胶体泵/、/颗粒/胶体泵/、/渣料泵/、/蛋白/渣泵/、/高浓浆泵/等/，/广泛/应用于/食品/、/饮料/、/化工/、/医药/等/行业/。/由于/该泵/的/转子/形状/较为/特殊/而/精度/要求/又很/高/，//故/国内/少/有/成功/制造/的/厂家/，/众多/的/用户/只能/购买/进口/设备/。/为/改变/此/不良/局面/，/我/公司/组织/技术人员/攻关/，/用/C/语言/编制/了/转子/曲线/设计/程序/并/输入/加工/中心/进行/精密/加工/，/从而/确保/了/该泵/关键/零件/的/高/精密/要求/以及/严格/的/一致性/要求/。//汽车/插接件/(塑料/护套和/端子)/系列/浙江/黄河/机电/设备/有限公司/企业/简介/浙江/黄河/机电/设备/有限公司/创办/于/1987年/，/以人为本/，/以/市场/为/导向/，/重视/新产品/开发/和/科技/投入/，/运用/现代/企业管理/模式/进行/操作/，/使/企业/始终/处于/行业/领先地位/，/公司/特委托/台湾/著名/管理/专家/指导/管理/，/率先/通过/ISO9002/国际/质量/体系/认证/以及/汽车/行业/美国/标准/QS9000/质量/体系/和/UL/安全/认证/。/公司/拥有/一支/高素/质的/管理/队伍/，/以/顾客/满意/为/企业/的/经营/方针/，//以/用户/是/“上帝/”/为/企业/的/座右铭/，/以/敬业/务实/、/求质创优/为/企业/精神/，/视/产品质量/和/商业/信誉/为/企业/第一/生命/，/不断地/进行/改进/和/完善/，/为/用户/提供/可靠/的/品质/和/信誉/保证/。/产品/除/配套/国内/主要/整车/厂家/(如/：/一汽/集团/、/二汽/集团/、/上汽/集团/、/南汽/集团/、/厦门/金龙/、/轻骑/集团/、/广汽/集团/、/广东/天马/、/天海/集团/) /外/，/还/大量/出口/美国/、/法国/、/日本/、/意大利/、/台湾/、/香港/等/国家/和/地区/，/深受/顾客/青睐/和/好评/。/主要/产品/有/：/汽车/插接件/(塑料/护套和/端子)/系列/、/汽车/水泵/总成/和/配件/系列/、/汽车/发电机/和/起动/电机/铝端盖及/皮带轮/、/汽车/线束/总成/、/汽车/配电/盒/、/汽车/灯座/总成/，/摩托车/开关/把/座/总成/、/电子/元器件/等/。/浙江/黄河/机电/设备/有限公司/HuangheElectromechanicsCo.,Ltd,Zh地址/：/温州市/磐石/镇/工业区/邮编/(pc)/：/325602ADD/：/PanshiTown,IndustrialZone,Wenzh话/(Tel)/：/0086-577-62841699628455196288288662871699/传真/(FAX)/：/0086-577-6284909962871357/网址/(Http)/：/www.honha.com/电子邮件/(E-mail)/：webmaster@honha.c

经理/(GeneralManager)/ : /陈/德/岳/ (/ChenDeYue/) /E-mail:hhcdy@yeah.net/手  
 机/(M.T):013806607189/电话/ (/Tel/) /:0086-577-62848950/脂肪醇/C12  
 14/马来/ /上海/元越/化工/有限公司/.021-.52827579.52806095/质量/保  
 证/,量大/价格/优惠/.[/全国各地/,可/代办/托运/]. MOBILE:13537315116  
 L-/苏/氨酸/AH97/VSP24/上海/氯乙酸甲 /99020-83838915/潘/铭/辉/E-  
 mail:suifeng.co@126.com/为一体/的/综合型/企业/。 /在/奉贤/, /南汇/, /松  
 江/等/工业园区/及江/浙/一带/均/ /印机/, /传真机/用完/的/空墨盒/, /空晒  
 鼓/, /空碳粉盒/....(hplexmark /雾粒/大小/可调/, /无/冷凝/水/ /地址:/:河  
 北/邢台市/南宫/市/南海/大街/170/号//交货/地点:/:东莞/ /酸性/媒介/黑/17  
 /网址/ : /http://www.hm-info.com 10.UHM-FB/ (/侧装伴热式/) /翻柱/液  
 位计/ 8-20/天祛风克湿/, /活血/通/痹/。 /因/风寒/造成/的/所有/的/疼/、/酸/、/麻/、/僵/、/用  
 湿/顽疾/彻底/痊愈/, /长期/服用/能壮骨盈肾/、/醒/脑/补/脑/。 / /不  
 干胶/商标/ /二甲苯磺酸钠/95/供/各种/大理石/、/花岗石/板材/、/异  
 型/材/ /本厂/产品/主要/用于/高级/办公/写字楼/、/豪华/酒店/、/宾馆/及/高  
 级/住宅楼/的/内外/墙/、/地面/、/卫生间/的/装潢/, /远销/东南亚/、/港  
 澳/等/国家/与/地区/。 /信誉第一/、/用户至上/是/我们的/办厂/宗旨/, /我  
 厂/热诚/欢迎/国内外/客商/光临/本厂/, /洽谈/业务/, /投资/合作/, /共  
 同/发展/。 / 13XH-206/型高熔点/专用/蜡/100 11010500 /北京市/朝阳  
 区/亚运村/安慧东里/15/号楼/新都/ /家化/工部/还把/我厂/的/产品/标  
 准/定/为国家/行业/标准/, /工厂/被/国家/授予/质//异佛尔酮二胺/ 99.80/氟/塑  
 料/器皿/具有/耐/高低温/、/耐酸碱/腐蚀/、/耐/有机/溶剂/、/高纯/无  
 毒/、/不易/破碎/等/优异/性能/ ; /该/产品/可/替代/价格/昂贵/易碎/的/石  
 英/器皿/。 / happy790@163.com /壳聚糖山梨酸钾山梨酸/CMC/专  
 业/甲壳素/系列产品/生产商/。 /壳聚糖/, /水溶性壳聚糖/, /壳/寡/糖/。 /  
 /醋酸异戊 / 98/供应/空气/清香/剂//产品/名称:/:清香/剂//烯唑醇/是/具  
 有/保护/、/治疗/和/内吸/作用/的/广谱杀菌剂/, /能/有效/的/防治/由/白  
 粉/病菌/、/锈病/菌/、/黑粉/病菌/、//颜色/ : //感应/气体/ : /煤气/、/天  
 然气/、/液化/石油气/ /价格/ : /3/, /7万/ /有/需求/者/请/与/我/司/联系/  
 /包装/规格/ : /编织袋/内衬/P V C/包装/, /净重/40kg/袋/(或/25kg/袋/), /户/要



求/生//有意/此/产品/的/公司/请/致电/上海/朗雅/国际/商贸/有限公司/牛/小姐。//笔记本/ /恒科/电子工业/通用/材料/通用/产品/ /主要/开发/生产/销售/代理/电子工业/通用/产品/及/通用/材料/：//灯/条/ /求购/复合/涂层/机//我/公司/现急/需/一/台/复合/涂层/机/，/但/必须/是/台湾/或意大利/生产/的/，//请有/意向/的/商家/将/具体/规格/和/价格/报/与/我们/。/谢谢/合作/！/[CN]60W/胶枪//我厂/专业/从事/热熔胶枪/，/产品/规格/多达/20/多个/，/100CASNo.10526-07-5/对/乙 氨基酚//产品/标准:/：/日用/化工/ /我们/是/山西/金兰/化工/有限公司/，/我们/供/硝酸钡/硝酸镁/硝酸/锶/，/草莓/酸/香料/级/上海/产/。/产品/标准:/：/大量/供应/球墨铸铁管/及其/配件//产品/名称:/：/球墨铸铁管//东芝/T9000DVD/¥/8.500/灯芯绒/ /醋酸叔丁 199/导/染剂/ /氯噻酮/ USP24 /上海/产/。/氯乙腈/ 991/、/特有的/活化/、/净水/、/抗菌/功能/、/优质/的/杯体及/时尚/的/款式/使您更/好的/去/开发/新/的/客户/。/acidyellow73/(水溶性/荧光/黄)/acidyellow44/(酸性/黄/6G)/我厂/是/一家/专业/生产/羽毛球拍/、/网球拍/、/乒乓球拍/及/配套/产品/的/厂家/，/质量/过硬/，/价格/具有/竞争力/，/品牌/有/“/劳埃泰/、/圣火/”/等/，/并可/按/客户/要求/来样加工/，/望/广大/客户/竭诚/惠顾/。//供应/氯乙 氯//产品/名称:/：/氯乙氯//胶粘剂//汽车/内饰件/胶粘剂/：/真空/吸附/成型/胶粘剂/（/ABS/PVC/、/PE/软/泡/、/料/粘合剂/（/PP/不织布/、/面料/、/人造革/等/）//；/地毯/用/热熔胶/、/顶棚/用/热熔胶/、/胶/膜/等/L-/苯丙氨酸//产品/标准:/：/网址:/：/www.fz.chem.cn/速/灭虫/ /祝/商/祺/！/车床/CA6250\*1500/已/售/(图)/产品/名称:/：/车床/CA6250\*1500 /装运/目的地:/：/江苏省/常熟/ /没食/子/酸/丙/ /产品/标准:/：/各种/标准/ /二氧化/硒/ /联系人/：/孙/经理/王/经理/ /邮政编码:/：/518028/磺化/酞/菁/钴//甲氧基乙酸/99/绞肉机/（/全/不锈钢/）/(图)/产品/名称:/：/绞肉机/)/公分/、/普通/胶木柄炒锅/、/平锅/（/28,30,1/、/四行/中文/显示/电磁/流量计/转换器/、/（/显示/1/、/瞬时/流量计/，/2/、/累计/流量/，/3/、/正/反/向/流/，/4/、/时钟/及/报警/。/输出/：/rs485/、/频率/输出/、/小/信号/输出/、/累计/阀/值/输出/、/脉冲/输出/等/）//加湿机/ /一/；/离心式/ /采用/科学/的/工艺/—/真空/低温/浓缩/，/保持/了/蜂

蜜的/营养/和/活性/成分/。//请有/联系/：[pine@21Life.com](mailto:pine@21Life.com)/我们/是/衡水/燕赵/双利/化工/有限公司/,/我们/供三元乙丙/胶/,3760,47085,hsfh168@sohu.com  
/压力/：[1.6-32Mpa](#)/间/二甲苯/黎/芦/醛/99/邮政编码/：[518115](#)/通径/：[40-800mm](#) /邻氨基苯甲酸/99/悍马/采购/服务/的/经营/理念/：[悍马/公司/将/秉承/“帮/企业/节省/每一分钱”](#) /的/经营/理念/, /以/科学/、/公正/、/诚信/、/敬业/的/工作/态度/, /充分/运用/公司/的/信息/资源/优势/竭力/为/企业/采购/打造/一把/可信赖/的/价格/标尺/, /从而/全面/降低/企业/的/采购/成本/, /提高/采购/效率/。//公司/始建于/90年代/, /设备/属/国内/最先进/, /技术/力量/雄厚/。/公司/有/十多/年/的/历史/经验/, /是/专业/生产/石棉/橡胶板/、/工业/橡胶板/、/再生/橡胶/、/各种/石棉/、/无/石棉/纺织制品/、/各种/盘根/的/综/台/性/企业/。//地址/：[深圳/沙湾/樟树/布/村](#)/电子/产品/展架/(图)/产品/名称/：[电子/产品/展架](#)/交货/地点/：[上海](#)/产品/产地/：[上海](#)/产/。/企业/闲置/柴油/发电机组//用途/：[自用](#)//水压/止回阀//用途/：[贸易](#)/TEL/：[0760-13531872929](#)  
/通信地址/：[深圳市/沙头角/中英街/76/号](#)/用地/面积/[1500/亩](#)/, /其中/道路/用地/[300/亩](#)/, /公共/绿化/用地/[80/亩](#)。//凯松/化妆/品级//上海/产/。/上海/元越/化工/有限公司/[021-52827579.52806095](#)/质量/保证/,/量大/价格/优惠/.[[全国各地](#)/,/[可/代办/托运](#)]/。/网址/：<http://www.hanmaxx.com>  
GKF/系列/全自动/卧式刮刀/离心机/SG/、/SGZ/系列/三足式刮刀/下部/卸料/离心机/SD/型/系列/吊袋/离心机/LWL/系列/螺旋//筛网式/离心机/LW/型/系列/卧式/螺旋/卸料/沉降/离心机/ <http://www.saideli.com> /硬脂酸钙/ 99/网址/：<http://www.sz-xcf.com> /诚征/代理/（[共创/秀美/山川](#)）/(图)/产品/名称/：[毛/细/渗灌/节水/器](#)/[021-52827579,52827571](#)/质量/保证/,/量大/价格/优惠/.[[全国各地](#)/,/[可/代办/托运](#)]/。/纳米/杯诚征/全国/经销商/及/礼品/公司/合作/商/(图)/产品/名称/：[德惠康纳米/杯](#)//供应/塑料/包装袋//产品/名称/：[包装袋](#)//正丁基/缩水/甘油/醚/99/胍/基/丙酸//产品/标准/：[各种/规格](#)//以/优质/价廉/的/产品/, /以/质量/求生存/, /以/服务/求/发展/, /热诚/期望/与/新老客户/密切合作/。/互惠/互利/, /共同发展/。/[CN]/供应/AA,AAA/碳性干/电池/ /供应/无/汞/,/低铁/,/低

镉/环保/系列/AA,AAA/碳性干/电池/,/如果/您/有/需要/,/详情请/浏览/我  
 们的/网站/<http://www.zhaoneng-battery.com/>/或者/电邮/直接/和/我们/联  
 系/讯盘/, /讯盘请/注明/您/的/邮件/地址/, /谢谢/!/ /长期/求购/工  
 厂/的/进口/的/PVC/边角料/我/公司/长期/求购/工厂/的/进口/的/PVC/白  
 色/边角料/,PVC/透明/料/, /PVC/文具/边角料/,PVC/信用卡/边角料/,PVC/粉  
 料/,/以及/其它/PVC/塑料/产品/的/废塑料/。//。//。//。//。/价格/合理/, /现  
 金/交易/ /使用范围/: /食品/饮料/类/: /乳品/、/乳胶/、/巧克力/、/糖  
 浆/、/乳酪/、/麦芽/汁/、/啤酒/、/汽水/; /水果/浓缩物/: /布丁/、/果  
 酱/、/果冻/、/番茄酱/; /糊类/产品/: /脂肪/及/油脂/等/; /化妆品/: /面  
 霜/、/洗涤剂/、/发型/凝胶/、/香料/油/等/; /药物/类/: /浸膏/、/乳剂/、/药  
 丸浆/等/; /化工/工业/: /脂肪/、/溶剂/、/树脂/及/聚合物/、/油漆/、/颜  
 料/、/染料/、/涂料/、/润滑油/、/润滑脂/、/石油/催化剂/、/沥青/、/胶  
 粘剂/、/洗涤剂/、/塑料/、/炸药/、/玻璃钢/、/皮革/等/; /建筑业/: /各  
 种/涂料/。/包括/内外/墙/涂料/、/防腐/防水/涂料/、/冷瓷/涂料/、/多  
 彩/涂料/、/陶瓷/釉料/等/; /其它/工业/: /塑料工业/、/纺织工业/、/造  
 纸工业/、/煤炭/浮选剂/、/纳米材料/、/生物/化工/等/行业/。/比如/采  
 购/设备/单位/: /、/苏州/非金属/矿/研究院/、/天津/化工/研究/设计  
 院/、/黑龙江省/化工/研究院/、/南京/医科大学/、/武汉/化工/学院/、/武  
 汉/理工大学/、/海南省/药物/研究所/、/南京/蓝本/科技/研究所/、/河  
 北省/农业大学/、/昆明/中友/集团/新/材料/公司/、/浙江/康/恩/贝/养  
 颜/堂/药业/公司/、/深圳/金刚/源/新/材料/科技/发展/公司/、/北海/果  
 香/园/果汁/有限公司/、/江苏/三木/芦荟/有限公司/、/福清/新/大泽/螺  
 旋藻/有限公司/、/上海/哈勃/化学/技术/有限公司/、/徐州/恩华/药  
 业/集团/、/厦门/古龙/集团/。/香港/沐林/食品/集团/等/用户/。/给/广  
 大/用户/选购/设备/提供/更大/空间/和/余地/, /使/设备/资源/得到/充分  
 利用/。//发电机/ /我/公司/需要/买四台/国产/400KW/高速/机/,/请/报  
 价/./电话/:13530872736. /一/、/型号/350/以上/, /滚动轴承/内径/大  
 于/150mm/。/KD-RS/是/一/种/用于/精/、/粗梳毛纺/的/高技术/含量/的/油  
 剂/。//装运/目的地/:/工厂/库//设计/标准/: /JB/、/GB/、/ANSI/、/BS/、/API/、/ISO/、/DI

/叔辛胺/99/童袜/ /对/小麦/全蚀病/、/腥黑穗病/、/散黑穗病及瓜类/、/果树/、/蔬菜/、/花卉/等/白粉病/亦有效/。//亚硫酸氢钠//产品/标准:/工业级/ /工业/项目/以/装饰/材料/、/耐火材料/、/木业/等/为主/。/ 27/提高/制品/外观/改善/加工/性能/降低/加工成本//供/建筑/用遇水/膨胀/橡胶/条/、/橡胶/圈/供/振动/筛用/橡胶/球/供/振动/筛用/橡胶/密封/条/供/减振弹簧/、/橡胶/弹簧/、/复合/弹簧/普通/卷材/专用/粘合剂/ /供/建筑/用遇水/膨胀/橡胶/条/、/橡胶/圈/ : /10\*15/、/15\*15/、//标志/设计/[CN]/求购进口/车型/单向/器/(/马达/齿轮/),/轴承/ /我/司/国外/客户/欲于/近期/订购/多种/规格/的/马达/齿轮/,/且/初次/定单/数量/为/1x20/集装箱/,/若所/报价/格/可接受/,/待客/户/确认/部分/样品/质量/后/即可/下单/生产/,/另有/客户/预购/汽车/轴承/,/型号/为/NISSAN,TOYOTA,KIA,MAZDA/等/望/专营/此类/产品/的/工厂/尽快/予以/联系/,/联系人:/金/小姐/ CA6471/解放/面包/转向/机/ CA6471/解放/面包/转向/机/ /丙酮/丁/酮/甲/苯/二/甲/苯/苯/乙/烯/ /电/源:/400X500X170 /地/址:/ /济/南/经/七/路/843/号/ /法/莫/替/丁/ /产/品/标/准:/ 86-021-63585018-8064 /用/途:/ /与/水/处/理/设/备/配/套/, /用于/监测/生产/过程/水/的/电/导/率/数/值/及/其/变/化/。//温/度:/ :-28-150°C/ /装/运/目/的/地:/ /杭/州/北/ /三/唑/酮/[43121-43-3] /包/装:/ /原/药/及/可/湿/性/剂/为/30kg/袋/, /乳/油/为/200kg/桶/。//宣/传/支/持/ /广/告/范/本/、/宣/传/资/料/、/媒/体/广/告/宣/传//二/氧/化/氯/ /产/品/标/准:/ /电/话:/ : /0519-8734388-804 /温/度:/ :-29-120°C/ /供/应/动/物/蛋/白/水/解/复/合/酶/ /产/品/名/称:/ /动/物/蛋/白/水/解/复/合/酶/ /粉/状/活/性/炭/ /张/清/发/ /邻 基/苯/乙/酮/ /产/品/标/准:/ /脉/冲/超/细/干/粉/自/动/灭/火/装/置/最/大/的/特/点/是/对/关/键/设/施/、/易/燃/易/爆/物/品/进/行/全/天/候/自/动/监/控/, /一/旦/起/火/就/自/动/脉/冲/喷/射/, /在/1/秒/钟/内/对/火/源/喷/射/出/超/细/干/粉/灭/火/剂/灭/火/, /达/到/ “/瞬/间/启/动/, /一/秒/灭/火/” /的/理/想/效/果/。//该/产/品/主/要/应/用/在:/ : /发/动/机/舱/、/机/电/柜/、/电/缆/沟/、/化/工/厂/、/油/库/及/无/人/值/守/的/仓/库/等/重/要/部/位/。//其/灭/火/效/力/是/ “/哈/龙/” /灭/火/技/术/的/3/倍/、/ “/哈/龙/” /替/代/气/体/灭/火/技/术/的/7/倍/, /体/现/了/国/际/消/防/界/ “/快/速/响/应/、/早/期/抑/制/、/高/效/灭/火/、/生/态/环/保/” /的/新/趋

势/。/该/产品/在/消防/市场上/具有/很/强/的/市场/竞争/优势/, /具体/表  
 现/为/: /适用/范围/广/、/灭/火/效率/高/、/价格/低/廉/、/安/装/维/护/简  
 单/等/特点/。//价格/面/意/! /望/有/货/者/请/速/与/我/们/联/系/。//我/公  
 司/的/成/套/设/备/包/括/: /吹/膜/机/、/制/袋/机/、/印/刷/机/、/冲/口/机/等/设  
 备/。/机/组/广/泛/应/用/于/生/产/各/种/规/格/背/心/袋/、/食/品/袋/、/以/及/服  
 装/、/纺/织/品/、/日/用/品/等//民/用/品/和/工/业/品/的/包/装/。//椰/子/油  
 酸/ /产/品/标/准/: /精/炼/级/ Quantity:1000tons/month /弹/力/丝/机/ /二/手/原  
 装/IBM/移/动/PC/仅/售/799/元/(/图/) /产/品/名/称/:IBM/移/动/PC /充/电/灭  
 蚊/拍/ /充/电/式/电/子/灭/蚊/拍/, /使/用/两/只/可/充/电/优/质/大/容/量/电/池/ (电  
 池/可/充/电/次/数/高/达/600/次/) /。/利/用/两/只/电/池/, /通/过/电/子/线/路/升  
 压/产/生/功/率/极/小/的/瞬/间/高/压/, /将/蚊/虫/击/毙/。//紧/急/求/购/ROLLORCUTTER(/图/)  
 Description: vip@gentel.com.cn /公/司/传/真/: /0371-4367881 /还/原/铁  
 粉/120/目/上/海/产/. /上/海/元/越/化/工/有/限/公/司/.021-.52827579.52806095/质  
 量/保/证/, /量/大/价/格/优/惠/.[/全/国/各/地/, /可/代/办/托/运/]. /会/打/字/, /就/会/建  
 网/站/! //您/好/: [CN]/电/子/智/能/报/警/器/ /我/公/司/供/应/多/种/样/式/电  
 子/智/能/报/警/器/, /只/须/将/其/挂/于/门/边/, /一/有/响/动/, /马/上/鸣/响/。//  
 /邻/乙/氧/基/苯/甲 胍/99/价/格/全/国/最/优/欢/迎/各/大/礼/品/批/发/公/司/洽  
 谈/经/销/。//三/唑/醇/[55219-65-3]/包/装/: /原/药/及/15/邮/政/编/码/: /523120  
 34401A/价/格/为/8000/元/, /33120A/为/13000/元/, /我/公/司/提/供/三/年/质  
 保/。//从/事/适/应/现/代/工/业/需/要/特/殊/高/难/度/、/高/要/求/环/境/测/温/仪  
 表/的/研/制/、/开/发/、//温/度/: /常/温/ / “/北/台/牌/” /球/墨/铸/铁/管/采  
 用/低/硫/、/低/磷/、/低/有/害/元/素/具/有/ “/人/参/铁/” /美/称/的/优/质/高  
 炉/铁/水/为/原/料/, /采/用/高/炉/ /工/频/炉/双/联/节/能/新/工/艺/, /产/品/全  
 面/执/行/国/际/标/准/、/国/外/先/进/标/准/或/与/国/际/标/准/等/同/的/国/家/标  
 准/, /即/ISO2531/ISO4179/ISO8179/GB13295/标/准/, /并/于/1997/年/4  
 月/通/过/了/中/国/冶/金/工/业/质/量/体/系/认/证/中/心/ISO9002/质/量/保/证/体  
 系/及/产/品/质/量/认/证/, /1996/年/7/月/通/过/了/瑞/士/SGS/国/际/质/量/认  
 证/。//再/生/塑/料/A B S/ /本/公/司/自/主/生/产/再/生/塑/料/A B S/系  
 列/. /有/各/色/, /有/增/强/, /阻/燃/等/. /质/量/稳/定/, /长/期/供/应/. /欢



迎/咨询/ 18XH-208/型/特种/专用/蜡/85 958700 /高效/内吸杀菌剂/,/防治/小麦/锈病/,/白粉病/,/玉米/,/高粱黑穗病/,/玉米/圆/病/等/。//汽动/滑板车/(/图/)/产品/名称:/太子/车//求购/各种/蜡烛/及烛台//我/公司/应/客户/要求/现/需求/各种/蜡烛/和烛台/, //请有/生产/的/工厂/和我/联系//装运/目的地:/天津//上海/ Sizes: /弹力/锦/棉/绸/长裤/ /我厂/长年/需求/ /气瓶/ /联系人:/谢/小姐/ /弹力/绉/ /低弹/牛津/布/78T /使用范围:/ /食品/饮料/类:/ /乳品/、/乳胶/、/巧克力/、/糖浆/、/乳酪/、/麦芽/汁/、/啤酒/、/汽水/; /水果/浓缩物:/ /布丁/、/果酱/、/果冻/、/番茄酱/; /糊类/产品:/ /脂肪/及/油脂/等/; /化妆品:/ /面霜/、/洗涤剂/、/发型/凝胶/、/香料/油/等/; /药物/类:/ /浸膏/、/乳剂/、/药丸浆/等/; /化工/工业:/ /脂肪/、/溶剂/、/树脂/及/聚合物/、/油漆/、/颜料/、/染料/、/涂料/、/润滑油/、/润滑脂/、/石油/催化剂/、/沥青/、/胶粘剂/、/洗涤剂/、/塑料/、/炸药/、/玻璃钢/、/皮革/等/; /建筑业:/ /各种/涂料/。/包括/内外/墙/涂料/、/防腐/防水/涂料/、/冷瓷/涂料/、/多彩/涂料/、/陶瓷/釉料/等/; /其它/工业:/ /塑料工业/、/纺织工业/、/造纸工业/、/煤炭/浮选剂/、/纳米材料/、/生物/化工/等/行业/。/比如/采购/设备/单位:/ /、/苏州/非金属/矿/研究院/、/天津/化工/研究/设计院/、/黑龙江省/化工/研究院/、/南京/医科大学/、/武汉/化工/学院/、/武汉/理工大学/、/海南省/药物/研究所/、/南京/蓝本/科技/研究所/、/河北省/农业大学/、/昆明/中友/集团/新/材料/公司/、/浙江/康/恩/贝/养颜/堂/药业/公司/、/深圳/金刚/源新/材料/科技/发展/公司/、/北海/果香/园/果汁/有限公司/、/江苏/三木/芦荟/有限公司/、/福清/新/大泽/螺旋藻/有限公司/、/上海/哈勃/化学/技术/有限公司/、/徐州/恩华/药业/集团/、/厦门/古龙/集团/。/香港/沐林/食品/集团/等/用户/。/给/广大/用户/选购/设备/提供/更大/空间/和/余地/, /使/设备/资源/得到/充分利用/。//外形/尺寸/mm:/ /250/×/170/×/180/合作/是我/们的/纽带/, /真诚/是我/们的/基础/, /发展/是我/们的/目标/。/http://www.cnhfl.com/急需:/ /丝光棉/, /麻棉/, /哑光双曲//产品/名称:/30S/2/丝光棉/, /麻棉/16S/2/, /24S/供/15g/注塑机/上/用的/时间继电器/ [CN]ACL/力丰共板式法兰/系统/ /是在/插接

式法兰/系统/基础上/开发/的/一/种/新/系统/, /它/具有/成本/低/、/密封/好的/特点/, //可用/于/工厂/大规模/工业化/生产/, /是/一/种/高效率/化/的/风管法兰/系统/全新/设计/, /可/变/法兰/高度/的/全能/TFJ/法兰机/。/与/辘骨机/, /剪角/, /压筋机/等/组合/可/形成/全自动化/的/生产线/, //亦可/分组/带机/械/到/现场/施工/, /其中/可/变/法兰/高度/的/全能/辘骨机/为最/新/设计/, /非常/适合/目前/国内/施工/企业/的/需要/。/

E-mail:ssou8160@bigpond.net.au /邮政编码/:518112 99/电动/O/型球阀/  
 /通径/: /15-400mm/求购/goetze/活塞环/ /我/司/急需/如下/活塞环:(1)OM352/31497x3+3+5,5  
 174307-102)OM421/422/423/447h128x3+3+4mmGoetzeref.no.08-181700-  
 003)OM401/402/409125x3+3+6mmGoetzeref.no.08176800-10/请问/贵司/有  
 没有/现货/或者是/能否/生产/, /如/可以/的话/, /请/报/最近/的/FOB/港口/价/, /样品/图片/, /包装/方式/, /付款/方式/, /及其/装箱/量/, /等/其他/相关/的/详细信息/! /一路发/-/网上/配货/真/简单/! //网址/:<http://www.today-silicone.com> [CN]/供应/洗头床/, /镜台/, /收银台/, /等候/椅/ /联兴/美容/椅业厂/专业/生产/供应/各种/洗头床/, /等候/椅/, /油压椅/, /镜台/, /美容/美发/椅/, /师傅/椅/, /收银台/, /椅脚/等/美容院/家具/, /详情/请/浏览/我们的/网站/或者/直接/电邮和/我们/讯盘/./讯盘请/注明/您/的/邮件/地址/, /谢谢/! //传真/: /28866428 /办公用品/——/质优价低/, /服务周到/ /广州市/雅登文/具有/限公司/成立/于/1994年/9月/, /是/中国/比较/领先/的/网上/商务/采购/服务商/, /经营/范围/包括/办公室/仪器/、/财务/会计/用品/、/测绘/及/美术/用品/、/订装票夹/文具/、/改错/用品/、/剪裁/刀具/用品/、/计算机/用品/、/名笔/系列/、/文件/管理/用品/、/印章/用品/、/纸制品/、/一般/办公用品/、/办公室/家俱/、/办公/机器/耗材/、/分类/整理/用品/、/装订/用品/、/机器/用纸/、/小器/具/类/、/展示/用品/等/。//三/次元/振动/筛分/过滤机超声波/振动筛/直线/筛/试验/筛/振动/电机/ /三圆堂/机械/公司/目前/有/: /SY/系列/的/三/次元/振动/筛分/ /过滤机/、/直线/ /金/银/卡酒盒/、/化妆品/盒/、/药物/药品/盒/、/中秋/月饼盒/、/礼品盒/、/各种/包装/彩盒/、/坑/纸盒/、/吸塑/卡/、/笔记本/ Outerpacking:6sets/carton XG-1/高效/脱硫/剂/ 2/、/两

行/中文/显示/智能/电磁/流量计/转换器/, /显示/: /瞬时/流量/、/累计/流量/, /输出/: /4-20mA/、/1-2KHZ/ “/德惠康/” /纳米/功能/杯/以其/特有的/活化/、/净水/功能/、/优质/的/杯体及/时尚/的/款式/、/合理/的/价格/, /成为/节庆/、/公关/、/促销/、/走访/、/探友/的/首选/礼品/并与/多家/礼品/公司/有着/良好/的/合作关系/。 / /硫酸铜/96.0/我们是/上海/浪涛/光电/科技/有限公司/河南/办事处/ /弹力/亚麻/棉/ /珠海/市前山福溪/工业区/H01 /语音/拨号/; /供应/汽车/报警器/系列/, /信号灯/系列/, /保险丝/, /汽车/变速杆/系列/, /汽车/天线/, /开关/, /手柄/ /金钟/公司/地处/国家级/高新技术/开发/区内//。 /现有/电子/、/注塑/、/冲压/、/模具/制造/分厂/, /厂房/总面积/达/3000/多/平方米/, /主要/生产/汽车/电子/高新技术/产品/, /所/生产/的/汽车/VCD/解码器/、/倒车/雷达/。 /汽车/防盗器/, /报警器/等/系列产品/, /备受/客商/青睐/, //均远销/亚/、/非/、/欧/、/美/ /对/小麦/, /玉米/、/高粱上黑穗病/、/白粉病/、/锈病/、/条纹/病/等/防/效/十分/显著/。 / /高性能/和/高/可靠性/ /供/消毒/柜/ /产品/名称/: /消毒/柜/ <http://www.broadadditives.com> /生产/甾体激素类/原料药/及/中间体/, /是/北京/紫竹/药业/有限公司/的/下属/子公司/。 /产品质量/、/价格/以及/信誉/都/很好/。 //准确度/: / $\pm 2/6$  . /风机/盘管/ /地址/: /江苏/徐州/西/三环/ [CN]WYK/硅整流直流/稳压/电源/ /性能/特点/: /★/稳压稳流可/连续/调节/, /使用方便/; /★/串联/二次予稳压/设计/, /提高/整机/工作/效率/; /★/管道/式/循环/散热/设计/, /整机/温升/低/, /产品/寿命/长/; /★/功率/器件/不外/露/, /不会/意外/损坏/设备/; /★/过流/、/过压/、/短路/、/过热/全方位/保护/, /安全/可靠/; /主要/应用/: /★/直流电机/的/调试/、/老化/; /蓄电池/充电/和/类似/反电势/的/负载/; /★/适用于/电解/食盐/、/电解镁/等/说明书/解/行业/; /★/石墨/炉/加热/的/直流/电源/; /★/电镀/加工/和/对/金属/及/非金属/制品/进行/表面/处理/、/阳极/氧化/等/; /★/用于/电泳漆/及其它/需要/直流/大功率/电源/场合/的/应用/主要/技术/参数/: /输出电压/范围/0-30V0-50V0-100V0-150V0-250V0-400V0-600V0-1000V0-2000V/输出/电流/范围/0-100A0-150A0-300A0-500A0-1000A0-3000A0-



5000A/输出/稳压/精度/</1/购/：/玉米/、/大豆/、/鱼粉/、/小麦/、/“皮/等/ /产品/名称/：/玉米/、/大豆/、/鱼粉/、/小麦/、/“皮/ /铜芯聚四氟/氟/乙烯/绝缘/四/氟/乙烯/护套/耐高温/电力/电缆/ /地址/：/湖北省/武/汉市/黄陂区/双凤/大道/229/号外/经贸/大楼/ /流水线/（/输送/设备/）/（/图/）/本公司/制造/各种/工业/流水线/；/详细/请到/[Http：//www.linhang.com](http://www.linhang.com)/查/询/。/ /磁性浮球/（/柱形/）/ [CN]/供/服务行业/、/工程/、/医院/制服/ /广州市/番禺区/定昌/劳保/服装厂/（/原/广州市/番禺猛涌/劳保/服装/厂/）/长期/生产/工矿/、/企业/、/医疗/、/保健/、/酒店/服务业/等/系/列/制服/，/是/广东/、/广州/地区/生产/工作服/的/定点/生产单位/，/产/品/遍及/石油/、/化工/冶金/、/造船/、/医院/等国/有/大中型/企业/，/以/及/众多/的/机关/、/团体/、/学校/、/宾馆/、/酒店/等/行业/部门/，/并/且/由/广州/、/佛山/、/番禺/、/深圳/各大/劳保/定点/经营/单位/经销/ /企/业/经过/十多/年/来/的/不/断发展/、/探索/、/形成/一/套/完善/的/生产/工/艺/流程/。/先进/的/生产/设备/和/一/流/的/职业装/设计/队伍/，/将/服/装/的/个性/与/不同/行业/的/特点/有机/结合/，/创造/出定昌/浓郁/的/职/业/装/品位/与/文化/，/定昌/制服/在/中国/职业装/领域/一展/风骚/。/ /希格/智能/照明/系统/部分地区/诚征/代理/ 6quart&2quart /邻乙氧基/苯甲酸乙 /98/弹力/纱/卡/色/胶/涂层/水洗/ /适用于/水/、/空气/等/介/质/的/高速/设备/；/最高/转速/：/1000RPM/；/最高/压力/：/1.8Mpa/。/普/通/型/最高温度/：/100/°C/；/高温/型/最高温度/：/180/°C/。/采用/平/衡/式/密封/结构/，/使/密封/环/两端/产生/的/压力/几乎/相等/，/从而/有/效地/降低/了/密封/载荷/对/密封/面/的/磨损/，/转速快/、/稳定/性强//，/延/长/了/使用寿命/。/主要/用于/造纸/、/纺织/、/冶金/等/行业/的/冷却/系/统/（/本/产品/保质期/180/天/）/。/ /儿童/蹬被/提醒/器/ /儿童/蹬被/提/醒/器/，/采用/高科技/微电子/光敏传感/技术/研制/而/成/，/微型化/，/多/方位/佩戴/结构/，/使用/简便/，/孩子/睡眠/前戴上它/，/当翻掉/被/子/时/，/及时/准确/地/发出/“/滴滴滴/，/滴滴滴/” /告警声/，/提醒/父/母/为/孩子/盖/好/被子/，//以免/受凉/感冒/，/因/怕/孩子/睡眠/时蹬被/而/不/能安睡/的/父母/们/从此/可以/高枕/无忧/了/。/它/别致/的/造型/也/是/孩

子们/喜欢/的/装饰/挂件/, /外壳/上/活泼/可爱/的/米老鼠/图案/深受/孩  
 子们/的/喜爱/。//分散/红玉/S-5BL(S-2GFL) EMAIL/ : /zjcnxl@zjcnxl.com  
 /大连/迈科信/咨询/有限公司/主要/面向/国内/企业/长期/提供/国际  
 贸易/信息/和/资讯/、/商务/咨询/及/投资/可行性/分析/等/服务/。/印  
 度/公司/求购/化工/产品/, /主要/包括/fluoroplast/、/2-ethylhexanol/、/isobutanol/、/低/密  
 度/聚乙烯/、/丁/醇/ (n-butanol) /、/甲醇/、/irganox/、/聚丙烯/。//行  
 程/次数/25(/次//分/)/联系人/ : /黄/先生/, /Purity:>98/誉/的/象征/, /守  
 约/, /保质/, /薄利/是/我们/服务/的/宗旨/。//供应/三彩/壁画/(/图/)/产  
 品/名称:/母子情/ [CN]/木制/棺材/ /专业/生产/各档/棺材/, /并可/根  
 据/客户/需要/生产/。//精美/书画/、/售楼书/、/收藏/册/、/邮册/、/企  
 业/简介/、/期刊/、/杂志/、/产品/目录/、/说明书//高压/聚乙烯/ (LDPE) /粉  
 末/ /用途:/生产/高尔夫球/ /供/娃娃/跳/、/健腹器/、/跳跳球/ /产品/名  
 称:/娃娃/跳/、/健腹器/、/跳跳球/[CN]/求购/MOS/管/!//本公司/现/大  
 量/求购高/质量/的/MOS/管/, /具体/产品/型号/及其/规格/要求/如下/ : /IRFU024I-  
 Pak(TO-251AA)IRFU5505I-Pak(TO-251AA)40N0540A/50V/品牌/不限/I-  
 Pak(TO-251AA)07N607A/600V/品牌/不限/I-Pak(TO-251AA)80N0280A/20V/品  
 牌/不限/I-Pak(TO-251AA)80N0580A/50V/品牌/不限/I-Pak(TO-251AA)  
 /这/一/产品/主要/适用于/塑料/、/油漆/、/涂料/、/密封胶/、/橡胶/、/造  
 纸/等/行业/。/公司/以/严格/治厂/, /以/优异/的/质量/, /优良/的/服务/, /合  
 适/的/价格/为/广大/新老/客户/服务/!//求购声波/电子/驱蚊器/(/出  
 口/德国/) /求购声波/电子/驱蚊器/, /交流电/, /需要/两/款/, /每款/三万  
 个/请/提供/现有/款式//复合/胶/复合/胶/天然/胶/天然/胶//永远/坚持/ “/品  
 质/创优/, /服务/创佳/” /之/宗旨/, /竭诚/欢迎/国内/[CN]/名牌/美容/护  
 肤品/网上/直销/店/ /你好/ : /春天/夏天/来了/, /气候/日益/干燥/, /日  
 照/越发/强烈/, /如果/不注意/保养/一下/脸部/的话/, /很快/脸部/就/会/变  
 得/又/红/又/黄/, /长期/如此/面部/就/会/出现/更多/的/皱纹/, /加速/面  
 部/的/衰老/, /所以/, /日常/的/面部/、/颈部/、/手部/护理/不/能/缺少/, /上/美  
 容院/服务费/太贵/, /产品/更/贵/。/我们/是/名品/网上/直销/店/, /有/优  
 秀/的/产品/, /绝对/便宜/的/价格/, /我们的/价格/仅仅/只是/厂家/的/直

销/价格/, /更/重要的/是/, /我们的/产品/完全可以/自己/给/自己/护理/, /省去/了/大量/的/服务费/, /让/专业/级/的/美容/护理/变得/简单化/, /真正/做到/人人/爱美/, /美伴/一生/。/欢迎/访问/我们的/网站/: / (请  
将/以下/链接/地址/复制/到/IE/的/地址/栏/中/即可/浏览/) /<http://www.plmm.cn.gs/>公  
司/: /联系人/: /yishengdxx/省份/: /福建省/城市/: /福州市/地址/: /<http://www.plmm.cn.gs/>  
编/: /350000/电子邮件/: /qwefsda@so.com/电话/: /05916596902/传真/: /  
/注/: / /地址/: /河北/廊坊市/文安县南各庄/工业区/ /氯化锌/ /邮政编  
码/: /213111/含铅量/大于/30/纺织/助剂/email:landyard@sina.com /您的/需  
求/, //就/是/我们的/职责/! //三英/矿山/设备/ /您好/: STMOTOR(/三  
田/) (/该/公司/已/通过/ISO9001:2000/国际/质量管理/体系/认/ /弹力/桃/皮/绒/245T  
/联系人/: /陈/先生/张/小姐/ /显微镜/ /北京/全/志伟/业/科技/有限公司/  
24HY-1B/型聚/合物/加工/助剂/LLDPE/: /1.5/ ; /PP/: /11.5/ ; /PVC/: /0.5  
1.015800 /承诺/: / YZGFZG/真空/干燥机/ /供应/各种/规格/型号/进  
口/发动机/的/汽门座圈/、/汽门导管/ /本公司/是/中国/内燃机/协会/成  
员/, /具有/多/年/生产/发动机/配件/的/成功/经验/./专业/生产/耐磨耐/高  
温/耐/冲击/耐/腐蚀/的/合金/铸铁汽门座圈/、/汽门导管/。/适应/欧  
美/日/韩/等/多种/型号/进口/发动机/, /可为/客户/特制/各种/非标/ (加  
大/) /尺寸/的/产品/, /批量/可大可小/, /供货/及时/快捷/, /欢迎/来函/来  
电/咨询/订购/, /来/图纸/来样品/定做/, /24/小时/全天候/为/您/服务/。/  
/怡成/血糖/仪及试纸/(图/) /产品/名称/: /怡成/血糖/仪及试纸/ /装运/目  
的地/: /杭州/萧山/南阳/经济/开发区/ /胶体泵/ [ /不锈钢/转子泵/ ] / /温  
州/七星/乳品/设备厂/属/中国/食品/和/包装/机械工业/协会/、/中国/轻  
工/机械/协会/、/中国/质量检验/协会/等/成员/单位/, /是/专业/致力  
于/研制/生产/乳品/设备/、/食品/机械/、/制药/设备/、/化工/机械/、/JM/系  
列/胶体磨/ [ /湿式胶磨机/ ] /、/ZB/系列/胶体泵/ [ /不锈钢/转子泵/ ] /及/管  
道/配件/的/高新技术/企业/。//单机/操作/: /2/人/ /供应/干/扇贝边/-  
/代替/鱼粉//产品/名称/: /干/扇贝边//开模/费/另计/. EngineType:43cc/49cc  
/展会/地点/: /沙特阿拉伯/利雅得/展览/中心// /磷酸氢二铵/磷酸  
二氢铵/磷酸/脲/磷酸三钠/磷酸氢二钠/ /我/公司/长期/生产/供应/。/

/磺胺二甲嘧啶钠/ /产品/标准:/ /以/优质/价廉/的/产品/, /以/质量/求  
 生/存/, /以/服务/求/发展/, /热诚/期望/与/新老客户/密切合作/。 /互  
 惠/互利/, /共同/发展/。 / /联系/电话:/0371-4384399 17XH-207D/型色  
 母粒/专用/蜡/85/±/310200 /轮毂/ /运用/发明/专利/挤压/压铸/技术/生  
 产/, /挤压/比压/达到/65MPa/以上/, /质量/极/优/。 / /装运/目的地:/松  
 江/区/ /齐/拉/西/酮/[138982-67-9]/公司/基础设施/完善/, /加工/工艺/先  
 进/, /检测/手段/齐全/。 / /聚乙烯吡咯烷酮/k30/上海/产/。 /上海/元  
 越/化工/有限公司/.021-.52827579.52806095/质量/保证/, /量大/价格/优  
 惠./[全国各地/, /可/代办/托运/]. /用/杠杆/直接/加载/的/手动/洛氏/硬度  
 计/ /通径:/ /25-300mm/焦磷酸铜/99/蜂/格/纺/(0.5cm)/要求/水份/ 《3/硫  
 酸/安/普/霉素/可溶性/粉/http://www.lvbo.net N/, /N/二乙基乙醇胺/99/在/农  
 业/中/, / “/蝎毒/干粉/” /主要/用于/制造/绿色/农药/。 /该药不/污染环  
 境/, /对/人畜/无害/, /但对/幼小/的/昆虫/有/奇特/的/杀伤力/。 / (目  
 前/, /已/研制/成功/专制/ “/棉铃虫/” /特效药/) /。 /对/苯二/胺/硫酸  
 盐/ /金红/石/型/钛白粉/2-/甲氧基烟酸/99/美国/TEK1000/、 /TEK2000/、 /TEK3000/系  
 列/示波器/, / LPG/系列/高速/离心/喷雾/干燥机/ /交货/地点:/普陀  
 区/ [CN]/立咬口合缝机/ /快速/指尖/调整/最大板厚/1.2MM/缝合/稳  
 定/、 /平整/、 /牢固/合缝/高度/4.0MM/对/钢板/或铝板工件/表面/均/无/划  
 伤/工作/速度/5-6M/分钟//立式/止回阀/ /用途:/贸易//网址:/ /www.xdguangqiao.com  
 /编号:/ /0501AR-98 /装运/目的地:/自提/ /地址:/广东/深圳市/南山  
 区/马家/龙/工业区/69/栋/3/楼/ /供/生物/制药/领域/专用/产品/-/蝎毒/干  
 粉/(图)/ /产品/名称:/蝎毒/干粉/ /供/振动/筛用/橡胶/密封/条:/ /UVA/橡  
 胶/圈/ (网架/圆形/胶/ /用于/放置/在/道路/中间/、 /危险/地区/和/道  
 路/施工/地段/等/2/. /6-/; 二酸吡啶/99/地址:/江苏/苏州/人民路/550/号/507/室/  
 /传真:/0668-2136117/ /我/公司/工艺/先进/, /检测/手段/齐全/, /产  
 品/质量上乘//。 / /键盘/垫/(图)/ /莱卡/布/+ /矽胶/, /手感好/, /防/疲劳/  
 /联系/电话:/358-3561636 /弹性/纱线/ /紧急/求购/地球仪/(图)/ /产品/名  
 称:/地球仪/ /弹力/斜纹/扎染/ /通径:/ /50-1000mm /时间继电器/ /产  
 品/名称:/时间继电器/ /紧固件/, /五金件/. /螺钉/、 /螺母/、 /铆钉/、 /挡

圈/、/销/./非标准/紧固件/[CN]/头梳/./折叠/头梳/，/一面/是/镜子/，/一面/是/梳子/。/数量/是/1/，/000/，/000PCS/。/如有生产/，/请/报/最/好的/价格/及/产品/资料/，/谢谢/！/可/提供/产品/图片/供/参考/。//紧急/求购/沙滩/巾/。//印花/单面/割绒/，155/厘米/X80/厘米/，500/克/./我们会/提供/图案/，//有样/品/。/常年/要/货/./请先就贵/公司/现有/的/产品/进行/报价/。/柴油//产品/名称/：柴油//手机/：/13951529738/邮政编码/：276000/尼莫地平/ USP24/上海/产/./尿囊素/ 9969.79.92/标搪/玻璃/反应/罐搪/玻璃/片式/冷凝器/搪瓷/储罐/，/塔节/，/管道/，//弯头/等/一二/类碳钢/不锈钢/非标/压力/容器/搪/玻璃/储罐/，/蒸馏/釜/ /常年/求购/废/（/回收/）/纯苯/，/甲苯/，/二甲苯/，/混合苯/，/机油/，/柴油/，/导热油/等/可燃性/溶剂/。//用途/：原料/ /汽车/燃油/管/、/空气/管及/电线/电缆/套用/TPEE/型号/：/BT-1140D1155D1163D1172D/安捷/伦/34401A6/位半台式万用表和安捷伦/33120A/信号/源/，//风道/阀门/系列产品/包括/空气调节/类/、/防火/类和排烟类阀门/，/是/用于/各类/工业/、/民用建筑/的/空调/、/通风/及/防/、/排烟/系统/中的/各类/空气/控制/阀门//，/具有/调节/空气/流量/的/压差/，/防止/沿/通道/的/蔓延/，/排出/区域/的/火灾/烟气/，/同时/具有/保护/设备/和/装置/等/作用/。/2./各种/金属/材质/冷凝器/、/换热器/（/含/螺旋/板式/、/列管式/）//茂名/易/维/科技/为/客户/提供/一站式/的/IT/及/网络/服务商/！/地址/：/山西/交城义望/工业区/ /异丁胺/99.90/邮政编码/：200333 /汕头市/大洋/兴福/塑料/有限公司/ /我/司系/专业/设计/和/专业/制造/各种/塑料/薄膜吹塑机/企业/，/是/中国/包/协/软包装/技术/中心/会员/、/省/包装/技术/协会/情报/委/委员/。//致力于/产品质量/的/保证/和/提高/，/已/顺利/通过了/英国/摩/迪/公司/ISO9001/国际/质量/认证/。//遥控/防盗//静音/防盗//环保/防盗//行驶/中/自动/下/锁//我/处/有/大量/扇贝边/等待/出售/，/可以/当/鱼粉/用/，/价格/便宜/。//供应/厂商/有着/密切/的/联系/，/并与其/保持着/良好/的/合作关系/。/现已/形成//业/用以/印花/防染剂/，/在/火柴/中/用于/中和/牛皮/胶/的/酸性/增//全新/款式/多/功能/VCD（/图/）/产品/名称/：VCD/（/MB-V2003C/）//过硫酸钠/99.5/公司/永远是/您/理



想的合作/伙伴/我/公司/主要/生产/的/产品/有/M/祝/商祺/! 17./其它/可/提供/的/相关/产品/ /特别/推荐/ : /博龙高/阻隔/PE/含/氟/瓶/ /传真/ : /4113696090/MX1250/型/舒/驰/方/桶/ /我们/以/一流/的/技术/ , /先进/的/设备/ , /诚心/的/服务/ , /优惠/的/价格/ , /欢迎/四方/宾客/的/到来/。 /4060200CTNS/ , /24SETS/CTN/ , /20PCSWITHBUCKET/二丙酮醇/99/诚寻/电脑/类/产品/长期/供货商/ /我/司/投资/的/《/国际/名牌/购物/网/》/在/开业/之际/ , /诚寻/电脑/类/品牌/产品/ ( /含/电脑/整机/、/配件/、/数码/、/外设/、/服务器/、/笔记本/、/音像/等等/ ) /长期/供货商/合作/ , /有意者/请/登陆/我/司/主页/登记/或/电询/。 /<http://www.vip8848.com> /冷触媒滤网/ /您好/ : /供应/汽车/轮毂/ /本公司/是/一家/专业/从事/汽车/零部件/ , /机械/紧固件/ , /标准件/ , /高强度/螺栓/等/生产/制造/的/企业/。 /专业/生产/前//后轮毂/系列/ , /后短轴颈/系列/ , /羊角/系列/ , /轮胎/螺丝/系列/ , /前//后/钢板/销/系列/ , /吊耳销/总成/系列/ , /U/型螺丝/系列/ , //传动轴/接头/系列/ , /以及/各种/汽车/螺栓/系列产品/。 /前//后轮毂/车型/有/ : /夏利/ , /奥拓/ , /起亚/ , /富康/ , /捷达/ , /本田/CG598/ , /本田/CB/CD/ , /普桑/ , /桑塔纳/2000/型/ , /时代/超人/ , /帕萨特等//。 /轮胎/螺丝/车型/ : /EQ:140-144-145-153-1060-1061CA:141-142-151NJ:131-136/。 /桑塔纳/、/奥迪/、/高尔夫/、/宝马/、/奔驰/、/欧宝/、/菲亚特/、/标致/、/雷诺/、/福特/、/西亚/特等/。 /羊角/系列/ : /桑塔纳/ , /奥拓/。 /后短轴颈/系列/ : /时代/超人/、/普通型/。 /公司/秉承/ “/品质/至上/、/顾客/第一/” /的/宗旨/为/广大/商家/提供/优质/的/产品/。 /<http://www.zbfuzehuoyun.com> /铜芯聚全氟乙丙烯/绝缘/聚全氟乙丙烯护套铜带屏蔽/耐高温/控制/电/1/。 /广谱抗菌/石榴/皮中/含有/多种/生物碱/ , /抑菌/试验/证实/ , /石榴/的/醇浸出物及果皮水煎剂/ , /具有/广谱抗菌/作用/ , /其/对/金黄色/葡萄球菌/、/溶/血性/链球菌/、/霍乱/弧菌/、/痢疾杆菌/等/有/明显/的/抑制作用/ , /其中/对/志贺氏痢疾杆菌/作用/最强/。 /石榴/皮水浸剂/在/试管/内/对/各种/皮肤/真菌/也有/不同/程度/的/抑制/作/ L-/半胱氨酸盐酸盐无水物/ /产品/标准/:20/目/-100/目/ 1-/萘酚/-5-/磺酸/ /亚硫酸氢钠/ /产品/标准/:/特/定/级/ /糠酸/ ( /2/-/呋喃/甲酸/ ) //用途/:/出

口/ /会/跑/业务/的/软件/-/商务/快车/!/ /己内 胺/99/邮箱/ : /salse@sz-xcf.com /氯/化/亚/砷/ -/病人/标识/带/-(/图/) /产品/名称:/病人/标识/带/ /遥控/距离/150/米/(/开阔地/直线/距离/) /本公司/是/一家/专业/生产/沙滩/椅/、 /折叠/桌椅/、 /帐篷/等/旅游/休闲/用品/的/企业/。 /欢迎/新老客户/来函/来电/， /洽谈/业务/， /携手/共进/， /共创/辉煌/。 / /塑料/编织/制品/生产/加工/过程中/广泛/使用/的/防/老化/扁/丝/级/树脂/原料/。 / /油箱口//车辆/配套/用/ WFS-250/型微/粉碎机/ D3/庐山/-/德安/quot;/共青城/quot;-/南昌/-/深圳/ C16 18/醇/ 99/缝制/手套/ /手机/防盗/、 /防丢/电子/报警/保险带/(/图/) /产品/名称:/TTR/防盗/、 /防丢/电子/报警/保险带/ /塑料/桶/ /产品/标准:/200L/大口/,200L/小口/ /松油醇/ /产品/标准:/工业级/ /健康/美丽/的/皮肤/， /由于/含有/大量/的/活性/胶/原/蛋白/而/显得/格外/的/丰满/， /莹润而/有弹性/， /青春/； 丽/、 /美艳/动人/。 /但在/二十/岁/以后/， /人体/自身/合成/胶/原/蛋白/的/能力/会/逐渐/下降/， /使得/人体/内/胶/原/蛋白/的/结构/也/发生了/极大/的/变化/。 /成为/相互/交织/的/不可/溶/的/胶/原/蛋白/。 /所以/皮肤/会/出现/干而涩/、 /薄而硬/， /皱纹/增多/， /苍老而无/晶莹/容润/之/现象/。 / /美标/抽气/止回阀//用途:/贸易//车用/冰箱/ / /半导体/冰箱/ / /电子/冰箱/ / /汽车/冰箱/ / /车载/冰箱/ /台州市/茂c /半导体/冷暖/设备厂/； /网址:/[www.maoxincn.com]/网络/实名:/[车用/冰箱/]电话:/[0576-4588780]/是/一家/专业/从事/制冷/行业/、 /设计/、 /安装/、 /开发/等/。 /近年来/主要/有:/专配/轿车/ / /工具车/ / /皮/卡/车/等/各类/无霜型:/车用/冰箱/ / /半导体/冰箱/ / /电子/冰箱/ / /汽车/冰箱/ / /车载/冰箱/等/， /以及/冷敷/ / /空调/座垫/ / /装饰灯/ / /档位灯/ / /牌照/灯/等/系列产品/的/源头/企业/， /并/采用/国内外/先进/的/制冷/技术/。 / /供应/色粉/， /色/母/ /公司/简介/ /提供/纸制/包装:/新雅/集团/是/中国/防伪/协会/常务理事/单位/， /中国/企业家/协会/会员/单位/， /浙江/包装/印刷/常务理事/单位/， /烟草/、 /药品/包装/印刷/定点/单位/， /商标/印刷/指定/单位/、 /出版物/许可/准印/单位/， /主要/经营/出版物/， /包装/及彩印/广告/等/印刷品/印刷/制作/， /主要/产品/有/各种/精美/包装/礼盒/， /酒盒/， /烟盒/， /药盒/， /化妆品/盒/， /精装/书

籍/, /记事本/, /文具/, /图书/, /杂志/期刊/, /广告/画册/, /挂历/, /不干胶/商标/铝箔标/。/主要/制作/工艺/有/胶印/, /磨砂/印刷/, /激光/烫金/, /层次/烫金/, /凹凸/, /上光/, /压光/, /UV/, /水油性腹膜/, /天津/腹膜/自动/模切/, /手工/包装/糊礼盒/等/印/后/加工/。// /压缩/雨衣/ /求购/压缩/雨衣/, /压缩/后的/外形/似/足球/, /请/生产/厂家/速于/我/司/联系/。// /求购磁选机/、/浮选机/、/球磨机/等/ /现购磁选机/、/高频/筛/、/球磨机/、/超细/破碎机/, /有意者/请与/我/公司/联系/并/提供/样本/图片/。// /卓越的/品质/, /完善/的/服务/, /不断的/新产品/开发/, /尽量/满足/您/个性化/的/包装/需求/是/博/龙/公司/贯彻始终/的/经营/理念/。// /备注:/量大/从优/, /质量/可靠/ /途径/ : /500-600mm /我们/是/邯郸市/博润/智能/电子/有限公司/, /我们/供/灯光/控制/、/检测/、/报警/系统/, 2/、/合理/的/价格/。/最低/供货/价/, /超大/利润/空间/。// /水分/ : /≤/0.05/我/公司/专业/生产/各种/电动工具/./欢迎垂询/订购/! 4/ ) /淀粉/分解/酶/ : /分解/淀粉/大分子/, /将/不溶性/淀粉/分子/转化/成/可溶性/分子/。// /可用于/各种/果汁/饮料/生产/及/果酒/生产/。// /求/玩具/鞋/(图/)/本公司//需求//小型/玩具//有/ /a/‘S家/, /若/有/似品/, /先/E-mail/‘D片至/我/司/, /!!! [CN]/供应/干荷式/汽车/电池/ /广东/则良蓄/电池/有限公司/专业/供应/干荷式/汽车/电池/, /该/产品/的/主要/特点是/容量/充足/, /低温/启动/性能好/, /启动/强劲/, /质量指标/均/达到/国际标准/, /寿命/长/, /规格/齐全/./详情请/浏览/我们的/网站/或者/直接/电邮和/我们/讯盘/./讯盘请/注明/您/的/邮件/地址/, /谢谢/! // /戊唑醇/[107534-96-3]/包装/ : /原/药/ : /50kg/塑料/编织袋/、/纸板桶/。/可湿性粉剂/ : /20kg/大/包装/。/胶县剂/ : /200kg/桶/。// /我/公司/常年/供应/优质优价/的/曲/马/多/原粉/, /GMP/认证/国家标准/, /诚信/经营/是/我们/对/您/的/承诺/, /欢迎/各/医药/厂商/来函/来电/垂询/! // /甲/砒/霉素/ /产品/标准:/BP98 /我们是/上海/富/蔗/化工/有限公司/, /我们/供/甲基/丙烯酸/缩水/甘油 /, /交货/地点:/上海/, /常州/16XH-207C/型色母粒/专用/蜡/14015014000 /装运/目的地:/生产/厂家/ /我/公司/是/专业/生产/给排水/设备/及附件/的/专业/公司/, /职工/队伍/训练有素/, /设备/精良/, /资力/雄厚/, /质



量/严密/, /产品/有/:JGD/型/系列/可曲绕/合成橡胶/接头/, /SGD/型/系列/给排水/、/热力/套管/式/伸缩器/, /SSJB/型/系列/压盖式/伸缩/接头及/各种/传力接头/, /不锈钢/波纹/补偿/器/, /品种/齐全/, /质优价廉/, /是/给排水/热力/管道/, /建筑/领域/的/理想/产品/。//南宫/市/长/海毛毡厂/是/专业/生产/工业/羊毛/毡/的/厂家/, /已有/十/年/的/历史/。/生产/产品/主要/有/各种/规格/的/平面/毡/, /主要/产品/有/:羊毛/毡/, /彩色/毡/, /针刺毡/, /中粗/羊毛/毡/, /防滑毡/, /过滤毡/, /覆膜/毛毡/, /民用毡/, /防寒毡/, /杂毛毡/, /松软毡/, /军用/床毡/, /化纤毡/, /画毡/, /运输毡/, /包装/毛毡/, /工艺/麻将/毛毡/, //羊毛毡轮/, /毡筒/, /毛毡密封垫/, /印台毡/, /护膝毡/, /毛毡/鞋垫/, /毛毡油封/, /抛光/轮/, /羊毛球/, /无纺布/, /羊毛/磨头/, /半灰毡/, /喷胶棉/, /硬质棉/等/./该/产品/具有/: /过滤/./抛光/./封严/./衬垫/./绝缘/./防震/./阻尼/./护油/./保温/./隔热/等/作用/./产品/广泛/用于/:机械/、/军工/、/冶金/、/矿山/、/林业/、/纺织/、/机电/、/通讯/、/仪器/仪表/、/交通/运输/./航空/、/船舶/、/机械/、/电子/、/家电/、/机电/、/钢琴/、/镜面/与/不锈钢/镜面/及其/它/平面/的/抛光/等/./海翔/电脑/、/电视/、/电话/专用/清洁剂/(图)/产品/名称/:电脑/、/电视/、/电话/专用/清洁剂//二甲/基/硅油/、/含氢硅油/、/氨基硅油/、/苯基硅油信越/、/东芝/、/威凯/: /107/硅橡胶/ (各种/粘度/) /信越/、/东芝/: /硅/树脂/、/硅脂/、/硅胶信越/、/道康宁/、/威凯/: /硅烷偶联剂威凯/、/道康宁/、/东芝/: /线性体/、/D4/蓝/化工/有机/硅/事业部/与/世界/几/大/有机/硅/公司/: /美国/道康宁/、/日本/信/弹力/绒/ /致力于/产品质量/的/保证/和/提高/, /已/顺利/通过了/英国/摩/迪/公司/ISO9001/国际/质量/认证/。//纤/工业/、/包扎/管道/、/锅炉/保暖/、/防冻/等/。//传真/: /0536/— /8290991 /汽车/自动/巡航定速器/系统/ /我/公司/是/美国/佛杰特/汽车/巡航定速器/中国/地区/的/进口/总代理/。/主要/产品/有/微电脑/控制/的/真空/伺服/式和/电子/伺服/式两种/巡航定速器/系统/。/配有/多种/形式/的/控制/开关/可供/选择/。/诚征/国内/各地/区/代理/。/[CN]/供应/扬声器/ /江门市/声亮/科技/有限公司/专业/生产/扬声器/, /质量/上等/, /款式/多样/./详情请/浏

览/我们的/网站/或者/直接/电邮和/我们/讯盘/./讯盘请/注明/您的/邮  
 件/地址/, /谢谢/!/ / FAX/ : /0760-7314168/李/小姐/ /北京市/振泰/园  
 艺/设施/公司/创建/于/1987年/, /是/国内/从事/园艺/设施/产品/开发/和/生  
 产/的/专业性/公司/。 /多/年来/, /我们/努力/吸收/先进/生产/技术/, /合  
 理/引进/设备/, /逐步/形成/现有/的/"/植物/组织/培养/设备"/、"/组培  
 试剂/与/实验/仪器"/、"/温室/育苗类/生产资料"/、"/节水/灌溉/与/无  
 土栽培"/等/四/大/系列/。 /多达/千余/种/产品/, /适应/客户/的/需要/。  
 /各种/废/溶剂//用途/:生产//本公司/建有/完善/的/ISOGB/T19001/: /2000/质  
 量管理/体系/。 /健全/的/生产/、/销售/、/系统/服务/的/管理/机制/。 /应  
 用技术/、/生产能力/居/国内/领先水平/, /具备/了/承接/大中型/防  
 水/工程/的/材料/供应/能力/。 //聚丙烯/酸钠/3000万/上海/产/./上海/元  
 越/化工/有限公司/.021-.52827579.52806095/质量/保证/,量大/价格/优  
 惠/.[全国各地/,可/代办/托运/]. [CN]/供应/各种/美容/椅/等/美容院/家  
 具/ /联兴/美容/椅业厂/专业/生产/供应/各种/洗头床/, /等候/椅/, /油  
 压椅/, /镜台/, /美容/美发/椅/, /师傅/椅/, /收银台/, /椅脚/等/美容  
 院/家具/, /详情请/浏览/我们的/网站/或者/直接/电邮和/我们/讯盘/./讯  
 盘请/注明/您的/邮件/地址/, /谢谢/!/ /磷酸三丁 /工业级/上海/产/。  
 /上海/元越/化工/有限公司/.021-.52827579.52806095/质量/保证/,量大/价  
 格/优惠/.[全国各地/,可/代办/托运/]. / 乙基乙二胺/ (AEEA) /无水  
 哌嗪/ (PIP) /三乙/烯/二胺/ (TEDA) /DMP-30T-31 /我/公司/是/专  
 业/生产/乙二胺/下游/产品/的/厂家/, /是/目前/国内/最/大的/ /胺/生/  
 /弹力/缎//与/图片/类似/产品/: /求购/数码/印刷/机器//请/生产厂/商/或/代  
 理商/来电/函/报价/, /并/要求/说明/你/公司/给予/的/服务/, /谢谢//Φ/150mm  
 /胶助剂/: /促进剂/TMTD/、/TETD/、/ZDC/、/NA-22/、/PZ/、/NS/, /并  
 有/防/ /可/充电式/聚光灯/!/ /超强亮光/!/ /您好!/ /超/氧化物/歧化  
 酶/SOD /产品/标准/: /企/标/ /我/公司/于/2001年/通过了/ISO9001/: /2000/质  
 量/体系/认证/。 /工艺/先进/, /技术/精湛/, /设备/精良/, /检测/严谨/!/ /

## A.2 Result of ICTCLAS for Chemical Text

山西省/交/城/县/金/兰/化工/有限公司/主/产品/硝酸钾/,/硝酸/钡/,/硝酸  
钠/,/硝酸/钙/,/硝酸/镁/,/硝酸铵/钙/,/工农业/氯化铵/,/磷酸/二/氢/钾/等/;/我/公  
司/长期/需求/硝酸铵/,/氯化钾/,/碳酸/钡/等// 求/购/水晶/发光/项链/  
水晶/闪光/顶/链/(/十二/生肖/长/方/型/)/,/10K/如/有/供应商/,/请/与/我  
们/联系/./ ●瞬/量/‘y//只/需/0.1/秒/便/可/‘y/到/正//‘

/度//不/需/等待/‘r///可///‘y/卡那霉素/碱/产品/标准:///化/纤//浴室/干/身/器/—  
/沐浴/后/干/洁/身体/、/头发/, /冷/热风/随/调节/。/自/动/保健/氧/吧/, /浪  
漫/情调/小/夜/灯/。// 装/运/目的地:/杭州// 我/方/提供/产品/图纸/以  
及/实物/样品/./ [CN/]中/弘/远程/报警/与/抄/表/一体化/系统/ ZHIC-  
B-2000/系统/包括/两/大/部分/: /A/、/智能/无线/GSM/ (工业/级/通  
信/模块/) /终/端/机/ (安装/于/被/监测/的/进/、/出/线/或/计/量/柜/箱  
内/) /; /B/、/无线/GSM/监控/主控/机/ (通常/安装/于/电业/局/监控/室/) /。/当/安  
装/于/被/检测/柜/ (箱/) /内/的/智能/终端/探测/到/柜/ (箱/) /门/被/打  
开/或/停电/、/来电/事件/发生/, /立即/通过/内/置/GSM/系统/向/无线/监  
控/主控/中心/自动/发出/报警/信号/, /该/报警/信号/在/无线/监控/中  
心/的/计算机/上/会/自动/弹/出/显示/事件/发生/的时间/、/地点/、/单  
位/名称/以及/几/号/箱/门/的/记录/。/主控/计算机/及时/对/信息/进行/处  
理/和/判断/, /通过/GSM/短/信息/方式/向/当/值/ (班/) /人员/的/手机/及/维  
修/车/报警/。/测控/终端/体积/小/, /安装/简单/, /配置/灵活/, /扩容/方  
便/, /具有/宽/温度/工作/范围/ ( $-30^{\circ}\text{C}$ ~ $70^{\circ}\text{C}$ ) / , /终端/可/扩展/为/由/485/总  
线/实现/的/大/用户/抄/表/功能/, /成为/防/窃/电/与/抄/表/一体化/智能/终  
端/。/ZHIC-B-2000/远程/实时/防/窃/电/报警/与/抄/表/一体化/系统/配  
备/了/完善/而/人性化/的/计算机/操作/界面/。/该/终端/采用/的/GSM/公  
用/通讯/网络/, /以/短/信/形式/进行/数据/传输/, /无需/申请/, /无需/自  
行/组/网/, /节省/了/终端/及/无线/监控/中心/复杂/而/庞大/的/无线/系  
统/设备/及/其/烦琐/的/设备/维护/工作/。/GSM/公用/通讯/网络/不/易/受/恶  
劣/天气/如/大风/、/雷雨/天气/的/影响/, /城乡/覆盖/率/达/95%生产/范

围/：//产品/产地/：深圳//温/湿度/测控/系统/单温/、/单/湿/控制/仪表/，/温/湿度/一体/测控/仪表/，/传感器/采用/高分子/湿/敏/元件/，/控制/部分/采用/16/位/电脑/单片机/，/带/计算机/接口/，/可/进行/全方位/自动化/管理/。/武汉市/黄/陂/外贸/猪场/，/是/武汉市/粮油/食品/进出口/公司/和/黄/陂/区/外经贸委/投资/建造/的/国有/企业/，/是/以/养殖/、/饲料/加工/、/牲/猪/出口/为主的/综合性/多功能/实体/企业/。//联系/人/：魏文君/，/田伟群//压力/：/16-32M/pa/nongshentech@sohu.com/HTP-65W/产品/名称/：/HTP-65W/抗/氧/剂/2450//XGH-98/脱/硫/醇/活化/剂//装/运/目的地/：/天津//中/英文/智能/电磁/流量计/、/稳定/的/性能/、/合理/的/价格/、/你/理想/的/选择/奥/星/卫/具/有限公司/是/国内/具有/较强/实力/的/卫/具/企业/之一/，/从事/宾馆/、/酒楼/、/写字楼/、/家庭/卫生/洁/具/的/生产/和/销售/的/专业/生产/企业/，/产品/包括/卫生/洁/具/、/五金/用品/、/电吹风/、/化妆/镜/、//1/、/4-/二/氧/六/环/、/含量/99.9音///脉冲/拨号/；///联系/人/：/麦/小姐//倒/筒/机/农药/烟台/绿/云/生物/化学/有限公司/供应/扑/菌/灵/、/轮/纹/净/备注/：/适用于/塑料/、/油/漆/、/涂料/、/密封/胶/、/橡胶/、/造纸/等/行业/。//用户/需要/生产/。/四/甲基/溴/化铵/99排/渣/止回阀/用途/：/贸易//供应/高档/铝/电解/电容器/产品/名称/：/铝/电解/电容器//环/戊/胺//99.90天然/果/珍/饮料/您好/！//巩义市/华源/供水/设备/有限公司/求购/BMX/赛车/专用/服装/（/上衣/裤子/和/手/套/）/我/公司/正在/组织/一/批/BMX/赛车/以及/BMX/专用/头盔/、/服装/和/手套/出口/北美/，/已/签订/三/年/的/供货/合同/，/首/批/不/少于/600/套/。/请/有/生产/经验/的/工厂/和/供货/商/联系/，/备/有/详细/资料/。/青岛/大通/四海/工贸/有限公司/。/大通/四海/@/青岛/九/、/社会/保障/拥有/高/规格/、/高/标准/农贸市场/一个/，/华东/地区/一流/乡镇/养老院/一/所/。//三/正/丁/胺/99.50[CN]/出国/在/线/应/中国/教育部/重新/组织/国外/知名/院校/远程/教育/评定/体系/的/新/局面/，/出国/在/线/将/向/广大/中国/学生/及时/提供/最/权威/的/政府/法规/政策/、/学术/语言/要求/，/和/国外/相关/院校/的/介绍/，/敬请/关注/。/特别/推荐/预科/课程/：/欧洲/经济/学院/欧洲/经济/学院/的/目标/是/为/今

天/的/商界/培养/德才兼备/的/年轻/企业家/和/管理/人才/。/APU/大/学/此/课程/为/全日制/课程/，/专门/为/准备/在/英国/大学/攻读/BA/、/Bsc/及/LLB/学位/的/学生/所/设置/的/。/除/作业/和/图书馆/自修/时间/外/，/学生/每周/还/需/上/16/小时/的/课/。/所有/的/预科/留学生/均/要/上/英语/语言/，/学习/技能/，/跨/文化/研究/及/英国/生活/问题/等/课程/。/萨尼特/学院/(/ThanetCollege/) /国际/预科/课程/为/希望/到/大学/深造/却/苦于/没有/机会/的/年/满/18/岁/的/成人/学生/开设/。/这/是/一个/迈向/成功/领域/的/理想/的/第一/步/，/为/你/提供/一/条/官方/承认/的/通向/大学/学位/的/道路/。/课程/重点/在于/建立/自信/，/传授/必需/的/知识/和/技能/，/为/你/接受/更/高级/的/教育/做好/准备/。/3/、/质量/及/供货/时间/的/保证/。//聚/ /多元/醇/产地/：/南京//二/、/合作/方式/：/合作//飞驰/牌/ASFA306/型/高/速/并/条/机/熔/点/：/-118.6° /C/家/专利/（/ZL98240901.XZL98325634.9/）/、/01/T/超/硬/材料/颗粒/分级/机/、//[CN]/高/速/粉/碎/机/FY/系/列/高/速/万/能/不/锈/钢/粉/碎/机/适用/于/制/药/、/食/品/、/化/工/、/冶/金/、/科/研/等/行/业/粉/碎/中/等/硬/度/及/干/燥/脆/性/的/物/料/，/它/具/有/结/构/设/计/合/理/、/坚/固/耐/用/，/效/率/高/、/运/转/平/稳/、/噪/音/小/、/机/温/低/，/安/装/操/作/方/便/等/优点/。/供/应/苯/酚/ 供/应/苯/酚/ 电/子/产/品/设/计/开/发/，/加/工/ 3/、/癌/症/、/红/斑/狼/疮/、/重/症/肌/无/力/、/麻/风//产/品/产/地/：/印/尼//马/来//求/购/不/锈/钢/拉/丝/板/ 急/需/采/购/304/不/锈/钢/拉/丝/板/、/价/格/面/议/./请/速/报/价/./急/!!!/!(限/江/苏/省/内/)/弹/力/麻/[CN]/供/磨/床/剪/板/机/折/边/机/立式珩/磨/机/M4215/大/河/93年/九/成/1/台/面/议/立式珩/磨/机/M4220/中/捷/70年/八/成/1/台/面/议/曲/轴/磨/床/MQ8260/上/海/72年/八/成/1/台/面/议/曲/轴/磨/床/MQ8260/汉/江/75年/八/成/1/台/面/议/外/元/磨/床/H082/Φ/750\*2000/上/海/74年/九/成/1/台/面/议/高/速/外/元/磨/床/MS1320/湖/南/85年/八/成/1/台/面/议/弧/齿/刀/盘/磨/床/MB6745A/济/南/76年/八/成/1/台/面/议/活/塞/椭/圆/磨/3M/BS8532/上/海/78年/九/成/1/台/面/议/滚/丝/机/ZB28-125/本/溪/93年/未/用/1/台/面/议/折/边/机/4/\*2000mm/黄/石/80年/八/成/1/台/面/议/剪/板/机/QA11-3\*2000A/株/洲/95年/、/九/成/1/台/面/议/ 我/厂/有/职/工/100/余/人/，/厂/房/500/多/平/方/米/，/有/多/年/生/产/加/工/玩/具/一/历/史/，/质/量/可/靠/，/信/誉/第/一/。/现/寻/求/客/户/订/单/。/有/意/合/作/者/，/请/速/与/我/厂/联



系/。// “/大/中华/企业/网/” /独立/运营/商/；//销售/Rochester/(/RIS/)/罗切斯特/仪器/仪表/ Rochester/(/RIS/)/罗切斯特/是/世界/著名/仪表/专业/厂商/。/主要/产品/有/：/温度/计/、/压力/计/、/校准/仪/、/记录仪/、/速度/传感器/、/密度/计/、/火焰/传感器/、/报警/信号/装置/等/。/华/科/能/实业/发展/有限公司/在/中国/经销/Rochester/(/RIS/)/罗切斯特/产品/。/电话/：/0755-26410612/、/26521678/传真/：/0755-26406655/网/站/：/http://www.worldmaterial.com/科能/集团/有限公司// 硫/鸟/嘌呤/ 产品/标准/：/99注/：/企业/单位/必须/将/营业执照/的/复印件/传真/或/发/电子/邮件/给/我们//01/Features/：//详情/请/看/»http://www.wzhdwj.com/烯效唑/是/一/种/物/生长/延缓/剂/。/具有/高效/、/稳定/、/广/谱/、/低/碱/等/特点/。/它/还/具有/广/谱/杀菌/作用/。// [车/地/]全自动/电脑/洗/车/机/ 我/公司/是/专业/生产/各种/型号/全自动/电脑/洗/车/机/的/生产/厂商/，/供应/遂/道/式/、/往/复式/及/大型/巴士/全自动/电脑/洗/车/机/，/采用/自/有/专利/技术/，/主要/部件/均/为/国外/知名/品牌/生产/商/提供/，/质量/可靠/，/外观/设计/简洁/大方/。/同时/我/公司/独有/的/连锁/加盟/方式/，/为/广大/投资者/提供/最佳/投资/方案/。/7./RF301-2/投入/缆/式/多/浮/球/开关// 新疆/全线/：/北疆/中疆//南疆/15/天/双/飞/ D1/广州/飞/乌鲁木齐/：/从/广州/出发/，/飞/乌鲁木齐/./././././././ 电/源/：/CR1620/（/或/1625/）/3/V×/2// 99年/，/浙江省/绿色/小/城镇// 有线电视/解码器/(/图/)/ 产品/名称/：/有线电视/解码器// 特殊/系统/清洗剂// 1-萘/酚// 一/、/鞋/撑/用/纸浆/制造/，/无毒/、/无害/，/可/自然/降解/，/属于/环保/型/产品/。//三/苯基/丁/基/溴/化磷/993/、/4-/二/氨基/甲/苯/硫酸盐/ 磺胺/嘧啶99塑/胶/粉碎机/(/图/)/ 特点/：/1/、/机体/全/钢板/焊/接/，/特别/坚固/耐/冲击/，/非/铸件/机体/可/比较/，/机体/保/固/十/年/。/2/、/ / “/A/、/C/” /机型/4/排/固定/刀/及/水/冷却/循环/系统/设计/，/产量/高/，/粉碎/能力/强/特别/适合/粉碎/胶/头/、/大型/胶/件/、/管材/、/机壳/类/塑胶/。/3/、/ / “/A/、/C/” /机型/列/适合/粉碎/PVC/、/TPR/、/TPE/、/PP/、/PE/等/软/质/低/熔点/塑胶/可/小时/连续/作业/。/4/、/ / “/B/、/D/” /机型/2/排/固定/刀/设计/，/清/料/简单/方便/，/粉碎/能力/强/。/5/、/可/依/客户/要求/加/多/附件/及/修改/结构/。//

电/动/焊接/闸/阀/ 用途:/贸易// 好/在/京/津/或/附近/省/份/。/谢谢/!/ /  
 (/五/) /对/入/园区/项目/的/规划/、/论证/、/审批/办/理/由/镇/招商/办/实  
 行/全/程/管/理/和/服/务/并/实/行/联/系/责/任/制/制/度/。//第一/部/分/钟/管/镇/的/投  
 资/环/境/介/绍// 丙烯酸/甲/ /99.5我们/是/南/通/市/如/东/县/顺/达/化/工/有  
 限/公/司/苏/州/分/公/司/,我们/供/甘/氨/酸/,//koreahuatong@mail.5322.com/  
 1/,4-/环/己/二/酮// 针对/环/保/及/节/能/的/需/求/, /青/岛/金/华/集/团/开/发/出/一/系  
 列/针/对/家/用/、/商/用/、/中/央/空/调/生/产/现/场/及/售/后/服/务/全/套/的/制  
 冷/剂/的/回/收/与/加/注/, /从/小/型/家/用/空/调/到/大/型/的/螺/杆/机/组/, /产  
 品/规/格/齐/全/, /针/对/性/强/, /在/与/海/尔/家/用//商/用/空/调/、/烟/台/冰/轮/、/南  
 海/志/高/、/青/岛/澳/柯/玛/等/著/名/的/空/调/厂/家/合/作/之/后/, /制/冷/剂/回  
 收/加/注/机/为/客/户/节/约/费/用/的/优/点/更/是/体/现/的/淋/漓/尽/致/!/ //  
 杀/螟/松// [CN]/脚/踏/剪/板/机/ 本/机/床/外/形/美/观/, /结/构/新/颖/, /采  
 用/滑/动/导/轨/, /踏/拉/簧/采/用/滑/动/支/点/固/定/式/, /使/其/操/作/力/减  
 少/三/分/之/二/, /部/分/机/床/配/有/压/料/装/置/, /剪/切/质/量/高/, /并/有/重  
 量/轻/, /移/动/方/便/的/特/点/, /广/泛/适/用/于/金/属/薄/板/工/业/的/人/力/剪/下/料/。 /  
 水/扬/酸/甲/脂/ 用途:/中间/体// 甲/缩/醛/二/氯/乙/烷/ 销售/Trans-Tek/传  
 泰/克/位/移/传/感/器/ Trans-Tek/传/泰/克/是/世/界/著/名/位/移/传/感/器/专  
 业/厂/商/。/主/要/产/品/有/: /LVDT/线/性/位/移/传/感/器/、/线/性/速/度/传  
 感/器/、/角/度/位/移/传/感/器/、/附/件/等/。/华/科/能/实/业/发/展/有/限/公  
 司/在/中/国/经/销/Trans-Tek/传/泰/克/各/类/位/移/传/感/器/产/品/。/电/话:/0755-  
 26410612/,26521678/传/真:/0755-26406655/网/站:/http://www.worldmaterial.com/华  
 科/能/集/团/有/限/公/司// \*联/系/方/式/: /传/真/010-6432-4891/(自/动)/电  
 子/邮/件/mail@waap.cn/(办/公/时/间/: /20:30/pm-23:/30/pm)//对/ 基/苯/丙  
 酮/ 产/品/标/准:/ seewai2828@126.com/ 醋/酸/正/丙/ /99四/、/现/代/农  
 业/园/区/: /建/设/项/目/以/现/代/农/业/、/效/益/农/业/等/为/主/。// LG/公  
 司/糊/状/PVC/ (LP-178/,LP-170/) /、/PMMA/,/[CN]/寻/代/理/商/: /节  
 水/器/ (节/水/率/70300\*6//300\*8//280\*7//500\*60\*18//450\*10//400\*8//500\*10/  
 SBH/三/维/摆/动/混/合/机// 交/货/地/点:/上/海/、/天/津/、/常/州// 主/音/量/控  
 制// 氯/代/特/戊/ /氯/ 产/品/标/准:/99弹/力/吡/叽/ 公/司/地/址:/温/州/市/龙

湾/区/沙/城/前/沥/路/11/号//王吉祥//提供/商务/服务/杭州/博/闻/会  
展/有限公司/是/经过/注册/、/批准/, /从事/会议/展览/、/商务/贸易/、/投  
资/咨询/的/专业/公司/。 /为了/方便/非/港/籍/赴/港/参加/各类/展览会/, /经/与/香  
港/有关/方面/协商/合作/, /由/我/公司/代理/预定/展位/、/商务/交流/、/代/订/商  
务/用房/、/交通/及/相关/赴/港/手续/, /我/公司/将/以/ “/诚实/经营/、/开  
拓/进取/” /为/企业/宗旨/, /真诚/为/您/服务/, /共/创/辉煌/。 /另外/我/公  
司/目前/有/2003年/欧洲/及/部分/商/展/项目/, /欢迎/来/函/或者/来电/咨  
询/。 // [CN]/JJW/ (JSW)/系列/精密/净化/交流/稳压电/源/性能/特  
点/: /◆/采用/正弦/能量/分配器/给/合/大功率/LC/滤波器/原理/, /可  
靠性/高/。 /◆/电压/调整/执行/元件/为/半导体/器件/, /响应/速度/快/, /稳压/精  
度/高/, /输出/电压/连续/可/调/◆/稳压/范围/宽/, /可/长期/连续/工作/◆/净  
化/抗干扰/能力/强/, /能/有效/抑制/电网/中/各种/噪声/和/尖峰/脉冲/。 /◆/具  
有/过载/及/短路/保护/, /输出/过/压/保护/, /三相/电源/具有/缺/相/保  
护/功能/。 /◆/三相/电源/采用/分离式/稳压/方式/, /具有/三相/分/调/功  
能/。 /主要/应/用/: /★/计算机/及其/周边/装置/★/工业/电子/设备/★/通  
讯/广播/设备/★/自动/生产线/设备/★/精密/测量/设备/★/医疗/电子/设  
备/主要/技术/参数/: /稳压/范围/: /单相/185/V/~ /300/V/展宽/165/~ /250/V/三/相/320/V/~/  
度/: /单相/220/V±1/~ /7地址/: /河北/曲/周/县/河南/町镇//坚固/的/构  
造/, /刚性/好//联系/电话/: /0755-8226734426148850// Jack@me360.net/  
维生素/E/ (油/状/) /产品/标准/: /96甲/氨/蝶/呤/产品/标准/: /4/高/真  
空/蒸馏塔/、/精/馏/塔/、/酒精/回收塔// [CN]/求购/鞋子/、/男女/皮  
鞋/、/儿童/鞋/、/辅料/等/服装/服饰/产品/中国/服装/服饰/商贸/网/www.fashion86.com.cn/  
话/: /0760-8382700/) /— /服装/服饰/行业/专业/的/B2B/网站/, /专  
门/为/国内/外/服装/服饰/企业/提供/最新/环球/商/机/, /提供/企业/信  
息/、/产品/发布/、/展示/平台/, /提供/服装/服饰/行业/最新/资讯/, /流  
行/时尚/, /展/会/信息/, /我们/还/根据/企业/的/具体/情况/提供/个性  
化/的/商务/推广/服务/: /搜索引擎/登记/、/企业/全球/信息/发布/、/外  
贸/往来/信函/翻译/、/专业/的/二级/网站/././././././丰富/的信息/、/周  
到/的/商务/推广/服务/满足/您/企业/推广/的/各种/需要/。 /详情/请/浏



览/我们的/网站/：<http://www.fashion86.com.cn/>2-/氯/丙/ /氯/98通/径/：[/50-2200m/m/\[CN\]/](#)供应/微/电机/顺/和/微/电机/有限公司/是/一/家/专业/生  
 产/微型/电机/的/公司/。/本/产品/广泛/用于/冰箱/、/冷柜/、/微波炉/、/暖  
 风机/、/排气/扇/、/热波/炉/、/清新/器/、/电热器/、/风扇/、/电/壁炉/、/消  
 毒/柜/等/家用电器/。/详情/请/浏览/我们/的/网站/或者/直接/电/邮/和/我  
 们/讯/盘/、/讯/盘/请/注明/您/的/邮件/地址/，/谢谢/！/邮政编码/：[/030500/](#)  
 备注/：[/量/大/价/优/、/质量/可靠//](#)旅游/大巴/车门/遥控/锁/(/图/)/旅游/大  
 巴/怎样/方便/游客/？//对/叔/丁/苯甲酸/99装/运/目的地/：[/山东省/莘](#)  
[县// charmingtrust@21cn.net/](#)联系/人/：[/冯华//](#)电/动/V/型/球/阀/通/径/：[/25-](#)  
[400m/m/](#)求/购/大量/灯箱/及/展/架/我方/现/求/购/大量/的/灯箱/及/展/架/，/为/方  
 便/双方/合作/，/请/深圳/周边/地区/的/厂家/与/我方/联系/！/要求/：[/长](#)  
[期/供货/，/且/为/加工/、/生产/厂家/。/需/深圳/及/深圳/周边/地区/的/工](#)  
[厂/！/韩国/华通/贸易/有限公司/求/购/\(/图/\)/长期/求/购/钛/酸/钾/晶/须/、/镁/盐/晶/须/、/二/](#)  
[化/锰/、/钛/白粉/、/发/泡/剂/、/加工/助剂/等/出口/韩国/。//](#)茂瑞/(/IC/)/[www.maorui.com/](#)  
[1/：\[/语音/IC/、/音乐/IC/、/闪/灯/IC/、/音乐/IC/、/玩具/集成电路//L-/色/氨/酸/\]\(#\)](#)  
[产品/标准/：\[/食品/级//\]\(#\)弹/簧/输/粉/机/弹/簧/输/粉/机/广泛/应用/于/粮](#)  
[油/、/饲料/、/食品/、/冶金/、/矿山/、/塑料/、/化工/、/建材/、/医药/等/行](#)  
[业/的/一/种/输/送/设备/，/它/适用/于/颗粒/或/粉/状/物料/的/水平/输/送/，/倾](#)  
[斜/输/送/，/垂直/输/送/等/形式/。/特点/：\[/1/、/采用/螺旋/弹/簧/输/送/原\]\(#\)](#)  
[理/，/结构/简单/，/使用/方便/。/2/、/弹/簧/使用/寿/命/长/；/输/送/效](#)  
[率/高/。/3/、/输/送/部分/全/封/闭/结构/，/无/粉/尘/溢/散/。/1/、/推/介/地](#)  
[域/、/产业/发展/方向/和/市场/潜力/，/推/介/优惠/政策/；//](#)丙/炔/醇/99.5顺  
 祝/商/琪/！//亚/、/拜/尔/、/Degussa/等/公司/以及/蓝/星/江/西/星/火/有  
 机/硅/厂/、/北/京/化/二/股//对/氯/苯/硫/酚/产品/标准/：[/\[CN\]/](#)供/电  
 子/显示屏/室外/点/阵/屏/室内/点/阵/屏/证券/显示屏/金融/利率/屏/体育  
 场馆/屏/民政/显示屏/我/公司/独立/开发/和/生产/的/便携/式/纸/塑/鞋/撑/，/是/国  
 内/首/创/，/是/替代/泡/沫/塑料/及/废/纸/支/撑/鞋/腔/的/理/想/产/品/，/为/企  
 业/提供/了/产/品/上/档/次/及/出/口/的/机/会/。/纸/塑/鞋/撑/有/以下/优点/：[/](#)  
 联系/电话/：[/0592-72522981307486351013074868235//](#)供应/白/砂/糖/产

品/名称/:一级/白砂糖// 智能/电磁/流量计/ 主要/生产/高压/、/超高压/电磁/流量计/, /大/口径/电磁/流量计// 欧美宝/汽/柴油机/油/(图)/

产品/名称/:汽/柴油/机油// 塑/胶/玩具/(图)/ 我/公司/是/一/家/已/初具规模/的/塑/胶/制/品/生/产/厂/家/。/公/司/主/要/以/HIPS/、/HRPS/、/PVC/、/ABS/等/塑/胶/材/料/为/原/料/, /凭/借/丰/富/的/经/验/、/优/质/的/管/理/, /生/产/的/各/类/塑/胶/产/品/远/销/各/大/洲/, /受/到/各/位/客/户/的/青/睐/。/本/公/司/自/创/办/以/来/, /已/开/发/生/产/出/多/款/塑/胶/制/品/, /主/要/特/色/产/品/包/括/, /磁/性/画/写/板/ (内/胆/颜/色/包/括/黑/白/, /彩/色/, /荧/光/) /, /圣/诞/玩/具/礼/品/, /塑/胶/日/用/品/, /礼/品/赠/品/, /儿/童/类/玩/具/及/其/他/各/类/塑/胶/制/品/。/公/司/生/产/资/力/雄/厚/, /产/品/品/种/繁/多/, /品/质/优/良/, /一/律/实/行/厂/价/直/销/, /竭/诚/的/欢/迎/客/户/来/电/来/函/咨/询/, /期/待/与/您/的/合/作/! // 磷/酸/二/氢/钙// 100网/址/:<http://cncanyu.cn.alibaba.com/> 间/

基/苯/甲/酸/ 产/品/标/准/:9998年/, /浙/江/省/村/镇/建/设/现/代/化/示/范/镇/浙/江/省/教/育/强/镇// 弹/力/直/贡/布/ 产/品/简/介/: /颗/粒/较/粗/, /适/用/于/作/防/锈/涂/料/用/。/用/于/船/底/、/防/锈/涂/料/及/一/般/底/漆/。/棕/榈/酸/甲/ /日/化/级/上/海/棕/榈/酸/乙/ /日/化/级/上/海/棕/榈/酸/异/丙/ /日/化/级/上/海/棕/榈/酸/异/辛/ /日/化/级/上/海/左/旋/西/替/利/嗪/医/药/级/上/海/ 本/公/司/是/一/家/集/科/研/开/发/、/生/产/、/销/售/和/服/务/为/一/体/的/的/综/合/性/有/限/公// 对/氯/苯/戊/酮/ 产/品/标/准/:// 十二/烷/二/酸/ (DDDA//月/桂/二/酸/) /十三/烷/二/酸/ (巴/西/基/酸/) /二/氧/化/锆/氧/氯/化/锆/材/料/: /优/质/低/碳/钢/丝// C1618/醇// 99胶/合/板/出/口/, /注/塑/加/工/业/务/ 用/途/:/贸/易// (二/) /其/它/优/惠// 温/度/保/护/器/ 您/好/: // 吩/噻/嗪/ 产/品/标/准/:// 自/动/走/料/药/液/过/滤/器/超/声/波/焊/接/机// 炔/雌/醚/Quinestrol/炔/雌/醇/EthinylEstradiol/雌/二/醇/Estradiol/雌/三/醇/勃/龙/Trenbolone/孕/三/烯/酮/Gestrino/ 用/途/:/面/议// 对/夹/升/降/式/止/回/阀/ 用/途/:/贸/易// 压/力/: /1.0-2.5M/pa/ 不/饱/和/聚 /树/脂// 化/纤/产/品/ 尼/莫/地/平// USP24/ 上/海/产/.尿/囊/素// 99硅/胶/干/燥/剂/ 用/途/:/-/ 特/点/与/功/效/: // 中/国/悍/马/采/购/网/是/由/悍/马/公/司/主/办/的/大/型/门/户/网/站/, /具/有/网/上/采/购/招/标/、/采/购/顾/问/、/供/求/信/息/、/行/情/预/测/等/功/能/模/块/, /并/具/备/企/业/自/主/建/站/系/统/, /会/员/企/业/可/在/网

上/进行/自主/建/站/、/查阅/发布/信息/、/展示/企业/及/产品/、/网/上/招  
聘/、/自主/交易/等/业务/，/是/悍/马/公司/及/会员/企业/采集/信息/、/宣  
传/企业/、/展示/产品/的/电子/商务/平台/。//备注:/均/符合/CP2000/版/、/USP24/版/、/US  
准/，/常常/作为/添加剂/、/补/钙/剂/。//协会/商会/、/基金/会/、/学  
院/、/出版社/、/期刊/号/、/商标/；//我们/是/深圳市/灿/宇/电子/开  
发/有限公司/，/成立/于/1995年/，/是/一/家/集/开发/、/生产/、/销售/于/一  
体/的/电子/自动/控制/产品/专业/制造/厂商/。/路/灯/智能/开关/运用/微  
电脑/对/室外/照明灯/进行/智能化/自动/控制/。/即/根据/季节/日照/变  
化/，/按照/所/在/地区/日出/日/没/规律/每天/自动/修正/后/控制/开/、/关  
灯/时间/，/避免/了/经常/人工/修正/的/麻烦/。//草酸/二/己/ /发/货/地/：/上  
海//2./UHM-H01/（RF301/）/浮/球/开/关/（改进/型/）//<http://www.ecbrain.com/>  
备注:/量/大/价/优/。/质量/可靠//二/甲苯/产品/标准:/99.9联系/人/：/王/小  
姐/杨/小姐//我们/是/江苏/诚信/干燥/设备/有限公司/，/我们/供/干燥/设  
备/，//1/R-顺/式/-2-/氟/环/丙/胺/用途:/合成//[CN/]可/进行/进口/代  
理/我/公司/有/独立/的/进出口/代理权/，/可/长期/进行/化工/、/染料/、/纺  
织/、/颜料/的/进出口/代理/。/若/有/需要/，/请/与/我们/联系/。/诺基  
亚/8910/iGSM/¥/1/、/500//该/品/实体/为/龙船/船/模/，/选用/锌/合金/为/材/，/外/镀/24K/纯  
金/，/镶/上/各类/人工/宝石/，/独特/新颖/、/精致/华丽/。/船/帆/上/内/嵌/激  
光/全息/图片/，/为/中国/第一/樽/海神/妈祖/图像/ /宋/夫人/像/。/立/体/再  
现/天上/圣母/栩栩如生/且/神/形/兼备/的/图像/。/海/神/妈祖/为/保佑/人  
民/平安/的/女神/，/香港/、/台湾/、/新加坡/等/东南亚/一带/均/信奉/妈  
祖/。/（全息/图片/可/换/，/可/应/客户/要求/，/现/可/供/全息/图片/为/龙/、/观  
音/等/）//油/垢/清洗剂//一/溴/频/呐/酮/[5469-26-1]/公司/基础/设施/完  
善/，/加工/工艺/先进/，/检测/手段/齐全/。//II/：/F46/透明/管/、/热/收  
缩/管/、/特/细/管/、/U/型/管/，/棒/，/薄膜/。//分/散/深/兰/S-3BG/（HGL/）/乙  
二醛/50叠/氮/钠//9920/L/、/25/L/堆/码/桶/（图/）/20/L/、/25/L/堆/码/桶/，/口  
径/55M/M/装/运/目的地:/武汉//深圳市/福田/区/八卦/路/众c /科技/大  
厦/ 洛阳/万山/高新技术/应用/工程/有限公司/本/品/属/三/唑/尖/杀  
菌/剂/，/是/甾/醇/脱/早/基/抑/制剂/，/是/用于/重要/经济作物/的/种子/处

理/或/面/喷洒/的/高效/杀菌/剂/，//多种/类型/的/碟片//自/动/式/防/晒/防  
盗/汽车/保护/衣/本/产品/设计/先进/世界/首创/，/专/为/小/轿车/的/整  
个/车身/免/受/风吹雨淋/，/烈日/暴晒/，/满/车/灰尘/刮/伤/受损/，/使/车  
身/保持/光亮/如/新/，/延长/整/车/的/寿命/，/用/特殊/材料/研制/而/成/可/以/反  
射/98本/产品/用于/搪/胶/，/降低/成本/。/性质/效果/好/，/环保/无毒/。//  
优惠/的/电动车/寻/优秀/的/经销商/产品/名称/：/电动车//规格/：/14/X1414X1616X1818X18  
四/丁/基/溴/化铵/99/[CN]/供应/饮料/、/食用油/、/化妆品/、/糖果/、/医  
药/、/化工/品/包装/用/塑料/瓶/胜/盈/塑料/制品/有限公司/，/专业/生  
产/PET/、/PE/、/PVC/塑料/包装/容器/，/是/一/家/有/多/年/生产/经验/的/私  
营/企业/，/为/多/家/大/、/中型/饮料/厂/、/食品厂/长年/提供/包装/货  
源/，/深/得/客户/赞誉/。/本/公司/还/为/客户/设计/和/订/做/各/类型/的/包  
装/容器/。/产品/广泛/应用/于/饮料/、/糖果/、/食品/、/食用油/、/化  
妆品/、/美容/美发/、/医药/、/化工/等/行业/。/欢迎/新/老/客户/来/样/订/做/，/欢  
迎/各/厂家/来/函/、/来电/，/莅临/指导/，/洽谈/业务/。/访问/网址/：/http://www.donggua  
邮政编码/：/065800//陈浩天//气动/薄膜/调节/蝶阀/阀/通/径/：/25-  
300m/m/http://www.szxlf.com/该/井/盖/的/价格/是/铸铁/井/盖/的/70玻  
璃/纤维/窗纱/—/绿色/，/蓝色/，/灰色/，/土/黄/，/柠檬/黄/和/白色/等/。//  
高效/内/吸/杀/菌/剂/，/防治/小/麦/锈/病/，/白/粉/病/，/玉/米/，/高/粱/丝/黑/穗  
病/，/玉/米/圆/斑/病/等/。//采/购/引/擎/部/件/，/锻/件/，/铸/件/，/冲/压/件/  
采/购/引/擎/部/件/，/锻/件/，/铸/，/冲/，/请/有/意/者/联系/！/灯/座/系列/微/电  
机/系列/旋/钮/系列/产/品/外/壳/系列//交/货/地/点/：/上海市/普/陀/区//包  
装/规格/：/编织/袋/内/衬/PVC/包装/，/净/重/40k/g//袋/户/要求/生产/。//  
来/电/洽/谈/。/（/要/与/我/提供/的/图片/一/样/）/本/公司/常/年/经营/甲  
醇/、/乙醇/、/乙/二/醇/、/丙/二/醇/、/正/丁/醇/、/异/丁/醇/、/异/丙/醇/、/冰  
醋酸/、/醋酸/乙/烯/、/醋酸/乙/脂/、/醋酸/丁/脂/、/苯/乙/烯/、/甲/苯/、/纯/苯/、/苯/酚/、/二/苯/、/丙/酮/、/丁/酮/、/环/己/酮/、/DMF/等/，/价格/合理/、/保证/质量/。/  
[CN]/奥/斯/特/消/杀/王/消毒/灭/菌/剂/奥/斯/特/环/保/型/消/杀/王/消  
毒/灭/菌/剂/是/最/新/一/代/复/配/型/消毒/灭/菌/剂/，/该/产/品/最/突/出/的/特  
点/是/在/使用/浓/度/下/对/人/畜/、/不/锈/钢/等/器/械/无/腐/蚀/性/、/稳/定/性

能/好/，/杀菌/能力/强/，/杀灭/速度/快/，/无/色/、/无/味/、/无毒/副作用/等/特点/。/本/品/能/主动/吸附/，/快速/渗透/以/破坏/菌/体/壁/，/使/菌/体/蛋白/变形/，/阻塞/呼吸/的/方式/杀死/细菌/和/病毒/，/被/誉为/“/杀菌/导弹/”/。/它/能/在/常温/低/浓度/下/高效/、/快速/杀灭/甲/、/乙肝/病毒/、/性病/病毒/、/结核菌/、/霉菌/、/大肠杆菌/、/金黄/葡萄球菌/、/芽/胞/等/在/内的/各种/致病/微生物/。/对/与/食品/接触/的/表面/或/机械/设备/进行/消毒/后/不必/再/用/清水/淋洗/，/一/次/使用/同时/产生/灭菌/、/消毒/、/清洗/、/除臭/四/种/功能/，/消毒/灭菌/效果/及/安全性/均/优于/一般/消毒剂/，/是/目前/世界/上/最/优秀/的/高效/安全/消毒/灭菌/剂/。/使用/方法/：/①/居室/消毒/：/将/本/品/均匀/地/喷洒/于/室内/各处/，/特别是/空气/不/易/流通/的/死角/。/②/餐具/、/瓜果/、/衣服/、/毛巾/等/消毒/：/按/每/公斤/水/喷射/2秒/的/比例/，/将/本/品/喷/入/清水/中/，/然后/放/入/需要/消毒/的/物品/，/浸泡/1—5/分钟/后/即可/。/③/浴缸/、/坐/厕/及/各种/物品/表面/消毒/：/将/本/品/喷/在/抹布/上/进行/擦拭/或/直接/将/本/品/喷洒/在/需要/消毒/的/物品/表面/，/2—3/分钟/后/抹/干/即可/。/外形/尺寸/MM/：/机架/：/900/X500X1550/异/辛酸/99.90/[CN]/供应/洗/头/床/，/镜台/，/收银/台/，/等候/椅/联/兴/美容/椅/业/厂/专业/生产/供应/各种/洗/头/床/，/等候/椅/，/油压/椅/，/镜台/，/美容/美发/椅/，/师傅/椅/，/收银/台/，/椅/脚/等/美容院/家具/，/详情/请/浏览/我们/的/网站/或者/直接/电/邮/和/我们/讯/盘/./讯/盘/请/注明/您/的/邮件/地址/，/谢谢/！/我/司/大量/供应/国内/最/新型/塑料/制品/原材料/—/高/密度/聚乙烯/，/价格/优惠/，/产品/性能/佳/，/欢迎/新/老/客户/来电/咨询/，/洽谈/！/3./湿度/范围/：/10/传真/：/(020)/38259372//供/三/元/乙/丙/防水/卷/材//氯化/聚/乙/烯/—/橡胶/共/混/防水/卷/材//氯//求/购/副/产/盐酸/./盐酸/盐酸/，/副/产/盐酸/./有/意/者/请/联系/。/司/。/终年/供应/各类/国产/、/进口/的/化工/原料/及/中间/体/系列/。/信誉/为/本/，/保//硫酸/铝/钾/(钾/明/矾/)明/矾/石/地/开/石/数/量/不/限/、/价格/面/议/。/HJ-01/全/游离/阴/离子/分散/松/香/胶/HJ-05/高效/低/泡/松/香/胶/HJ-06/弱/酸性/松/香/胶/HJ-08/中//碱性/施/胶/剂/业/。/以/优质/价/廉/的/产品/，/以/质量/求/生存/，/以/服务/求/发展/，/热/诚/期/望/与/新/老//N-/甲/基/哌/嗪//



99.90jli@mail.daewoo.com.cn/ 免/垫/胶// 丙/酸//丙/酸 /四/氢/呋/喃/水  
 合/肼//乙 /丙/酮//DMF/异/丙/醚//乙/腈//正/丙/醇//纯/吡/啶/氯/仿//二/氯/甲  
 烷//DMAC//丙/二/醇/025-85212383/[CN]/生产/压力机/旋/铆机/铆钉/机/液  
 压机/冲床/气/弹簧/等/ 江苏省/宝应县/金华/压力/设备/制造厂/ (网  
 址:/www.jszxb.com/电话:/0510-8865203212249513961784560/) /专  
 业/生产/销售/气动/压力机/、/气动/旋/铆机/、/气动/铆钉/机/、/液压/旋/铆  
 机/、/液压/机/、/脚踏/冲床/、/电动/台/冲床/、/气动/冲床/、/手动/压  
 力机/和/气/弹簧/及/相关/配件/如/气/缸/、/继电器/等/, /品种/齐全/, /生  
 产/工艺/先进/, /技术/力量/雄厚/, /测试/手段/齐全/。/我们/将/竭诚/为/海  
 内外/的/广大/客户/服务/。/并/可/根据/用户/的/需要/进行/改型/制造/, /并/同  
 时/提供/配件/附件/。/保证/质量/, /并/交/货/及时/, /提供/优质/的/售  
 后/服务/。/我厂/宗旨:/ “/质量/第一/, /用户/第一/, /信誉/第一/” /。/热  
 忱/欢迎/广大/用户/来/电/来/函/洽/谈/订/购/。/商/祺/! // 电话:/0527-3396713//  
 异/辛/烷// 供/应/涡轮/增压/器/, /匹配/锡/柴/发动/机/涡轮/增压/器/, /匹配/康/明/斯/发  
 动/机/涡轮/增压/器/, /无锡/富/泰/尔/科技/有限/公司/, /是/由/无锡/富/泰/动  
 力/设备/有限/公司/和/无锡/富/泰/毛/纺织/公司/两/家/子/公司/组成/的/高/科  
 技/民/营/企业/。/lt;/br>/公司/位于/风光/秀丽/的/太湖/之/滨/的/南/泉/镇/, /占  
 地/面积/13500/平方/米/, /拥有/固定/资产/1500万/元/, /职工/三百/五十  
 余/名/, /产品/已/通过/IS/装/运/目的/地:/深/圳/市/宝/安/区/公/明/镇// 以/优  
 质/价/廉/的/产品/, /以/质量/求/生存/, /以/服务/求/发展/, /热/诚/期/望/与/新/老/客  
 户/密/切/合/作/。/互/惠/互/利/, /共/同/发/展/。// 本/厂/由/上海/华/昌/铝/制  
 品/厂/特/别/授/权/生产/ “/上海/牌/” /铝/合/金/自/然/发/色/奶/锅/, /汤/锅/, /美/式/弧/型/锅/, /铝  
 合/金/不/粘/平/底/锅/, /不/粘/圆/底/锅/。/电话:/13953921785// 我/厂/是/专  
 业/生产/英/式/插/头/和/各/规格/VDE/电/源/线/的/厂/家/。/已经/通过/ISO9001:/2000/管  
 理/体/系/认/证/, /BS/插/头/通过/了/BSI/认/证/, /认/证/号/71081/。/欢迎/来  
 人/来/函/订/购/。/无/形/雨/刷/-/雨/魔/雨/魔/ (RAINDevil) /是/德国/PIT/化  
 学/工/业/公司/生产/的/一/种/浓/缩/合/成/涂/料/。/雨/魔/在/填/补/了/玻/璃/、/塑  
 料/等/物/体/表/面/的/微/孔/后/形/成/聚/合/体/层/, /造/成/表/面/不/再/沾/水/, /从  
 而/使/雨/雪/从/挡/风/玻/璃/、/车/窗/或/头/盔/护/目/镜/上/完/全/滚/落/, /令/驾

车/人/在/雨/、/雪/或/其他/坏/天气/中/行车/时/获得/更/好/的/视野/, /并/可/显著/减少/刮/雨/器/的/使用/和/磨损/。/可/使/车窗/玻璃/的/清洁/工作/和/在/冬季/刮/霜/变得/非常/容易/, /对/防止/车窗/沾/上/污浊/、/油污/和/昆虫/等/有/良好/作用/雨/魔/同样/适用/于/镜子/、/玻璃/桌/、/玻璃/淋浴/隔板/、/和/屏幕/等/。

/Freeaminoacid/:/<0.5邮政编码:/:223656//礼品/收音机/碘/苯/98.5普源/DS3102B//3102M/系列/数字/存储/示波器/。//重/质/碳酸钙/这-/一/产品/主要/适用/于/塑料/、/油漆/、/涂料/、/密封/胶/、/橡胶/、/造纸/等/行业/。/公司/以/严格/治/厂/, /以/优异/的/质量/, /优良/的/服务/, /合适/的/价格/为/广大/新/老/客户/服务!/我/厂/是/专业/生产/净水/材料/厂家/为/满足/各/行业/水/处理/的/需求/, /我/厂/于/台湾/著名/企业家/刘艳珠/女士/, /方城/程运来/先生/共同/建立/自动化/滤/料/生产/企业/主要/产品/：/石英砂/滤/料/, /无烟煤/滤/料/, /锰/砂/滤/料/, /磁铁矿/滤/料/, /果/壳/, /活性炭/, /纤维/球/填料/, /卵石/垫/层/滤/料/, /聚合/氯化/铝/, /多/面/空心/球/, /蜂窝/斜/管/, /液/面/覆盖/球/等/净水/材料/, /产品/规格/齐全/, /畅销/全国/各地/。//本/厂/生产/磷酸/锌/已/有/十/年/之/久/。/产品/质量/稳定/可靠/, /已/与/石家庄/油漆/厂/、//备注/：/量/大/从/优/, /质量/可靠//[CN/]供应/氟利昂/表/表面/直径/2.0"/, /2-1//2/"“/3/"类型/氟利昂/表/壳体/塑/壳/带/软管/面/聚/碳酸/脂/面/机芯/铜/机芯/磷/青铜/管子/, /铜/接/头/径向/接头/连接/普通/选项/压力/范围/-30-0/psi/, /0-15/psi/, /0-30/psi/, /0-60/psi/, /./././././././././0-15000/psi/刻度/psi/(/lb/in<sup>2</sup>)/, /bar/, /Kpa/, /kgs/cm<sup>2</sup>/, /Mpa/, /Hg/, /双/刻度/及/特殊/刻度/精度/3◇/耗电量/低/, /防/冲击/, /抗干扰//供/应/超/声/波/塑料/焊接/机/、/超/声/波/清洗/机(/图)/产品/名称/：/自/动/走/料/药液/过滤器/超/声/波/焊/接/机//602/, /5-/二/氨基/甲/苯/硫酸盐//供/应/橡/胶/减/速/莖(/图)/ (/图)/产品/名称/：/橡/胶/减/速/莖//◇/单/独/报/警/, /联/网/报/警/可/选//联系/方式//[产品/说/明]/溶解/性/：/能/与/乙/醇/、/乙/醚/、/氯/仿/及/有机/溶/剂/混/溶/。//通信/地址/：/广/州/市/大/沙/头/路/9/号/之/一/首/、/二/层/锰/砂/滤/料/您好/：//弹/力/帆/布/压/力/：/1.6-3.2M/pa/真/诚/与/您/合/作/, /共/创/经/济/效/益/化/碳/、/醚/和/氯/仿/。/本/品/有/毒/, /刺/激/眼/睛/和/粘/膜/。//建/筑/材/料/；/水/处/理/与/环/保/；/空/调/制/冷/；/清/洁/及/维

护/设备/；/玻/璃/及/材料/；/卫/浴/陶/瓷/；/石/材/及/机/械/设/备////温/州/市/宇/星/轻  
工/机/械/有/限/公/司/0http://www.wz-yuxing.comtitle/0zzypack/0zzyspec/0zzypricezzywebtitle/0  
生/产/制/药/、/化/工/、/电/子/、/气/体/、/饮/料/、/环/保/、/生/物/工/程/、/水/处  
理/等/设/备/及/各/种/不/锈/钢/钢/管/，/U/形/管/，/弯/头/，/人/孔/盖/，/活/接  
头/，/卡/箍/，/阀/门/，/球/阀/，/蝶/阀/，/隔/膜/阀/，/过/滤/器/，/滤/芯/，/快/装/堵/头/系  
列/等/。//[CN/]可/供/应/酸/性/染/料/产/品/我/公/司/可/长/期/供/应/酸/性/大  
红/3/R/，/酸/性/大/红/GR/，/酸/性/红/B/，/酸/性/金/黄/G/，/酸/性/离/子/元/青/等/酸  
性/染/料/产/品/，/绝/对/优/质/。/双/盛/牌/硅/酮/免/垫/密/封/胶//第/二/部  
分/工/业/园/区/发/展/计/划//在/贯/通/实/验/，/管/道/验/收/之/时//网/站/：/www.486586.com/  
塑/料/纤/维/排/列/设/备/产/品/名/称/：/纤/维/排/列/设/备//飞/虎/牌/缝/合/机/  
亚/硫/酸/氢/钠/产/品/标/准/：/特/定/级//供/应/各/种/规/格/普/磁/、/强/磁/，/磁/瓦/，/磁/环/，/磁  
棒/ gt;/gt;/江/门/市/南/华/磁/材/粉/末/冶/金/有/限/公/司/是/广/东/省/江/门  
市/粉/末/冶/金/厂/有/限/公/司/的/销/售/部/，/我/公/司/专/营/粉/末/冶/金/产  
品/已/达/20/多/年/。/积/累/了/丰/富/的/生/产/经/验/与/生/产/技/术/。/更/使/我/厂/产  
品/质/量/得/到/国/内/外/客/户/的/肯/定/和/认/可/。/多/年/来/随/著/我/们/不  
断/地/努/力/开/拓/，/现/时/我/厂/占/地/面/积/已/超/过/82000/平/方/米/，/4000/多/名/员  
工/，/其/中/几/百/名/专/业/技/术/员/，/年/产/量/超/过/15000/吨/，/因/此/被/同  
行/誉/为/东/南/亚/最/大/生/产/基/地/之/一/，/通/过/ISO-9002/认/证/，/我/们/的/产  
品/深/受/客/户/的/赞/赏/，/随/著/市/场/竞/争/与/发/展/，/我/公/司/为/了/确  
保/用/户/产/品/的/系/统/性/和/准/确/性/，/在/1998/年/成/立/专/门/进/行/新/产  
品/和/专/用/设/备/开/发/研/究/的/部/门/。//gt;/gt;/gt;/gt;/实/验/动/物/(犬)/繁  
殖/各/单/位/，/请/与/我/们/联/系/。/新/型/廉/价/车/载/逆/变/器/(适/合/手  
机/充/电/等/)/(图/)/产/品/名/称/：/车/载/手/机/充/电/器//弹/丝/珠/地/网  
眼/布/供/应/背/心/袋/我/公/司/现/有/大/量/塑/胶/背/心/袋/，/出/口/转/内  
销/规/格/(35+15)/X56X0.0125/乳/白/色/，/现/货/有/15/吨/价/钱/便/宜/元/一/吨/，/如/有/需  
要/的/厂/商/请/尽/快/与/我/联/系/：/刘/生/013925301750/负/离/子/量/：/≥/2×10<sup>8</sup>/个//cm<sup>3</sup>20cm  
“抗/衰/老/复/合/OPC-2”/，/采/用/生/物/工/程/技/术/提/取/葡/萄/核/、/绿/茶/的/天  
然/精/华/，/对/女/性/美/容/、/抗/衰/老/具/有/超/强/的/功/效/。/它/的/抗/氧  
化/能/力/是/VC/的/20/倍/、/VE/的/50/倍/，/被/科/学/家/公/认/为/“目前/科



学界/已/知/的/天然/美容/、/抗/衰老/（/抗/氧化/）/物质/” /。 / zhong-  
 wen3753@163.netdavid3753@tom.com/ 玻/璃/酸/酶/CP2000/上/海/薄/荷/脑/99多/聚/甲  
 醛/ 产/品/标/准/：/91-93氯/乙/酸/甲/ / 产/品/标/准/：/99.51/、/由/企/业/向/镇/招  
 商/办/提/供/进/园/区/的/可/行/性/报/告/； // 化/纤/混/纺/布/ 华/东/华/北/销  
 售/部/：/浙/江/省/义/乌/市/江/东/中/路/368/号/4/楼//4. /加/湿/效/率/高/， /可/达/100富  
 士通/MCC3064SS//AP640M460/元//注/册/香/港/、/英/国/、/美/国/、/BVI/等/海  
 外/国/际/公/司/集/团/、 // www.jinlongchem.com/ 磷/酸/氢/二/钠/ 产/品/标  
 准/：/药/用/级//乙/ /乙/酸/乙/ /（/美/国/99[CN]/）/供/磨/床/、/刨/床/、/插/床/  
 平/面/磨/400×2000/俄/罗/斯/81年/八/成/议/平/面/磨/MT7440/天/津/81年/九/成/3万/立  
 式/珩/磨/机/M4220/大/河/74年/未/用/6万/滚/刀/磨/M6425/武/汉/79年/八/成/4万3.刨  
 床/、/插/床/单/臂/龙/门/刨/1M\*3M/俄/罗/斯/85年/八/成/双/柱/龙/门/刨/俄  
 罗/斯/66年/八/成/ 高/效/内/吸/杀/菌/剂/、/防/治/小/麦/锈/病/、/白/粉/病/、/玉  
 米/、/高/粱/丝/黑/穗/病/、/玉/米/圆/斑/病/等/。 // http://www.knlan.com/ 印  
 度/公/司/求/化/工/产/品/。 // 弹/力/ 皮/绒/对/氯/苯/酚/[106-48-9]/公  
 司/基/础/设/施/完/善/， /加/工/工/艺/先/进/， /检/测/手/段/齐/全/。 // 袋/口/扎/丝/：/自/动/镶/丝/  
 两/种/单/位/的/换/算/关/系/：/毫/克//分/升/=毫/摩/尔//升/215/、/18/。 // [CN]/HTS-  
 /系/列/通/信/、/电/力/专/用/正/弦/逆/变/电/源/ 性/能/特/点/：/◆/本/系/列/正  
 弦/波/逆/变/电/源/专/门/为/通/信/系/统/、/电/力/系/统/及/工/业/自/动/化/工  
 业/自/动/化/应/用/面/设/计/的/高/品/质/逆/变/器/， /产/品/具/有/直/流/输/入/过/欠/压/、/输  
 出/过/载/保/护/、/短/路/保/护/、/直/流/输/入/与/交/流/输/出/完/全/电/气/隔  
 离/等/保/护/功/能/。 /并/可/提/供/RS232/数/字/通/信/口/、/输/入/与/输/出/有/或/无/的/故  
 障/于/接/点/， /也/可/通/过/计/算/机/进/行/监/控/逆/变/电/源/的/工/作/状/态/及/历  
 史/记/录/， /同/时/可/以/通/过/LCD/或/LED/显/示/逆/变/电/源/的/工/作/状  
 态/。 /产/品/广/泛/应/用/于/电/信/、/移/动/、/联/通/、/电/力/、/铁/路/、/化  
 工/等/对/供/电/有/高/质/量/、/高/可/靠/性/要/求/的/且/不/能/停/电/的/通/信/、/信  
 息/设/备/的/使/用/部/门/。 / 地/址/：/广/东/广/州/花/都/永/发/大/道// 清/除/装  
 修/异/味/、/环/保/产/品/合/作/ 因/为/室/内/装/修/污/染/问/题/日/益/突/出/， /引  
 起/了/社/会/各/界/的/广/泛/关/注/， /所/以/装/修/环/保/家/居/、/绿/色/家/居/、/健  
 康/家/居/是/近/年/来/室/内/装/修/的/主/流/。 /广/州/绿/创/公/司/研/发/了/“绿

美居"/牌/甲醛/清除/剂/、/装修/除/味/剂/、/甲醛/捕捉/剂/（/工业/用/）/等/系列/环保/产品/，/该/产品/可以/有效/的/消除/装修/前/后/所/带来/的/刺激性/有害/气体/（/如/：/甲醛/、/苯/等/）/，/而且/能/彻底/去除/异味/，/达到/真正/的/环保/装修/。/为/更好/地/开发/市场/，/我/公司/愿意/与/国内/装修/公司/建立/良好/合作/关系/，/以/充分/利用/双方/资源/，/达到/双/赢/的/结果/。//有/投资/及/合作/意向/者/（/申请/的/企业/或/个人/）/将/获得/本/办事处/的/邀请/，/对/钟管镇/（/工业/园区/）/进行/整体/考察/，/对/钟管镇/的/有关/情况/做/进一步/了解/和/实地/考察/。//注册/国际/期刊/★/香港/瑞/丰/会计/事务所/-/本港/最大/的/会计/权威/机构/！//我/厂/生产/的/氟/塑料/产品/有/：//Titration/：/98-102对/甲/氧/基/苯甲酸/99有意者/，/请/致电/029-84286882/、/13319237678/热/熔/胶/粘/制品/增/塑/剂//全/功能/遥控//ZTOV/型/泵/采用/独特/的/大/通道/叶轮/设计/，/可/吸/排/直径/为/泵/口/口径/60[CN]/供应/硝/基/甲烷/规格/一/外观/：/无/色/或/微/黄色/透明/液体/含量/：/≥/98.5. /电/控/板//L-/二/盐/组胺/产品/标准/：/98电话/：/0527-3397198//<http://mingjuplastics.cn.alibaba.com/>产品/产地/：/德国/BASF/ 求购/抗坏血酸/ 我/现有/客户/急/寻/5吨/的/ASCORBICACID/。/请/国/港口/美/圆/交/货/价格/。/盼/复/。/ <http://www.diple.net/> 地址/：/深圳/沙/湾/樟/树/布/村// [CN]/提供/各式/促销/或/随身/小/镜/ 丽人/日用品/有限公司/是/专业/生产/美容/化妆/镜/的/厂家/，/产品/远销/欧/美/、/日本/、/韩国/及/中国/。/同时/也/是/国际/上/一些/著名/美容/产品/的/OEM/和/ODM/的/制造商/。/ “/爱/俪/莎/” /专业/美容/化妆/镜/力/邀/名家/设计/，/以/独特/的/工艺/、/优良/的/品质/，/产生/了/上百/种/高档/、/新颖/、/别致/、/前卫/的/款式/，/整体/分为/台式/化妆/镜/、/墙/式/化妆/镜/和/便携式/化妆/镜/等/三/大/系列/。/成为/业/内/唯一/的/品牌/产品/。/ 3-/ 基/戊/二/酸/二/乙/ /用途/：/出口//戊/炔/草/胺/[23950-58-5]/规格/[ ]：/95重/播/功能/及/数码/卡/拉/OK/特别是/二00一/年/推出/的/带/冲/裁/功能/的/吸/塑/成型/机/实现/了/完全/意义/上/的/自动化/生产/。/主要/产品/有/RCD50-66//45/S/型/、/RCB50-68//90/S/型/、/RCA50-68//120/S/型/、/RC51-71//70/S/型/、/RC51-71//117/型/等/全自动/真/空/吸/塑/成型/机/。/主要/适应/于/：/聚/氯/乙/烯/PVC/、/聚/苯/乙

烯/PS/、/发/泡/PSP/、/改/性/聚/丙/烯/PP/、/聚/PET/、/环/保/生/物/降  
解/PP/类/等/卷/筒/式/片/材/真/空/吸/塑/成/型/各/种/敞/开/式/薄/壁/容/、/如/：/各  
种/规格/的/一/次/性/快/餐/饭/盒/、/快/餐/盘/、/速/食/面/碗/、/西/餐/盒/、/饼/食/制  
品/内/衬/、/冰/淇/淋/杯/、/糖/果/盒/、/蛋/糕/盒/等/。/也/适/应/制/作/旅/游/用  
品/、/儿/童/玩/具/、/中/西/药/品/、/电/器/元/件/、/日/用/五/金/商/品/等/包  
装/制/品/以/及/农/用/水/稻/秧/盘/、/蔬/菜/苗/盘/等/农/作/物/的/育/苗/盘/。//  
筛/粉/系/列//苏/米/硫/磷//电/话/：/021-52240276/、/52240280//甲/苯/磺/丁  
脲/产/品/标/准/：//11./三/氧/化/硫/膜/式/磺/化/装/置/工/程/设/计/、/改/造/与/扩  
建//电/话/：/0999-4621995//异/佛/尔/酮/二/胺/99.80苯/并/三/氮/唑/溴/代/十  
二/烷/、/2-/氯/-5-/硝/基/苯/甲/酸/5-/氯/-2-/硝/基/苯/甲/酸/5-/氯/-2-/硝/基/苯  
胺/求/购/氧/化/铁/红/我/厂/长/期/需/求/以/下/产/品/：/氧/化/铁/红/一/级  
品/H101/型/200/目/三/氧/化/二/铁/96成/立/香/港/公/司/的/好/处/注/册/香  
港/、/美/国/、/英/国/、/BVI/、/法/国/等/海/外/国/际/公/司/集/团/、//认/证/、/工  
厂/于/2002年/整/体/搬/迁/至/河/北/省/武/强/县/、/工/厂/的/新/建/投/产/、/标  
志//钛/白/粉/产/品/标/准/：/金/红/石/型//磁/控/接/近/开/关/、/液/位/变/送/器/、/翻/柱/（/板/）/液/位  
1./UHM-H01/（/RF301/）/浮/球/开/关//温/度/：/≤/150/°C//型/号/：/MB-  
V2003C/功/能/介/绍//非/诺/维/林/产/品/标/准/：//ZTOV/系/列/自/吸/式/无/堵  
塞/离/心/泵/是/在/普/通/泵/的/基/础/上/选/用/优/秀/水/力/模/型/、/引/进/国  
外/先/进/技/术/并/结/合/用/户/的/使/用/条/件/开/发/成/功/的/一/条/结/构/新  
颖/、/技/术/领/先/的/新/型/排/污/设/备/。//硝/酸/钙/您/好/：//六/甲/基/磷/、/三/胺/99刘/圣//  
电/子/邮/件/：/info@chinamhc.com/钟/管/镇/在/农/业/上/实/现/了/由/传/统/农  
业/向/现/代/农/业/转/变/、/形/成/了/以/青/虾/、/生/态/鳖/、/加/州/i 鱼/、/南  
美/白/对/虾/等/特/种/水/产/养/殖/为/主/的/效/益/农/业/结/构/、/全/镇/拥/有/尚/坝/湖/和/沈/家/墩/4  
溪/花/鳖/良/种/繁/育/基/地/、/沈/家/墩/200/亩/青/虾/苗/种/基/地/、/湖/西/圩/200/亩/鱼/鳙/混  
养/基/地/和/沈/家/墩/村/600/亩/加/州/i 鱼/基/地/。/浙/江/省/省/长/柴/松/岳/等/领  
导/视/察/现/代/农/业/园/区/时/对/钟/管/镇/在/农/业/上/的/成/绩/给/予/了/高  
度/的/肯/定/。//机/用/打/包/带/有/半/自/动/机/用/和/全/自/动/机/用/并/可/提  
供/透/明/打/包/带/。//本/产/品/具/有/工/艺/先/进/、/结/构/合/理/、/无/震  
动/、/无/噪/音/、/无/污/染/、/加/工/质/量/高/等/优/点/。/功/能/齐/全/、/输/出

力/，/上下/速度/行程/，/闭合/高度/，/保/压/时间/五/个/参数/均可/调整/，/并/具有/自动/记/数/功能/，/是/用户/较为/理想/的/加工/设备/。/本/厂/愿/为/用户/解决/各种/冲压/，/铆接/等/难题/，/产品/一律/实行/三/包/。//奥/肤/舒/皮肤/消/毒液/采用/纯正/中草药/，/为/天然/绿色/产品/无/任何/副作用/，/可/杀灭/肠道/致病菌/、/化脓/菌/、/致病/性/酵母菌/。/对/皮炎/、/痱子/、/湿疹/、/手足/癣/均/有/疗效/。/现/诚/招/各/省/市/代理/，/有/意/者/请/与/刘/小勇/先生/联系/或/登录/本/公司/网站/：<http://www.xtsdyy.com/> 超声/波/塑料/焊接/机/可/应用/于/热塑性/塑料/的/焊接/，/如/医疗/设备/上/的/一次性/输液/过滤器/及/血浆/分离/杯/的/焊接/、/塑料/酒瓶/盖/的/焊接/、/手机/电池/外壳/和/手机/吊带/的/焊接/、/一/次/打火机/外壳/的/焊接/等等/。//求/购/汽车/灯/产品/出口/美国/，/生产/厂家/请/联络/我们/。/N-/溴/代/丁/二/ /亚/胺//99.00/包装/材料/：/塑料/包装/桶//手机/：/138712289921387127069/ 镇流器/，/HID/，/变压器/，/电/感/，/线圈/等/产品/名称/：/电子/镇流器/，/HID/，/变压器/，/电/感/，/线圈//蜂/格/纺/(0.3/cm)/压力/：/1.0-2.5M/pa/ 注册/香港/海外/公司/商标/多/年/专业/注册/香港/海外/公司/商标//注册/BVI/公司//注/册/美国/公司//注/册/萨摩亚/公司//注/册/海外/公司//注册/香港/商标//注册/中国/商标//商标/设计/注册//企业/管理//商务/配套/深圳/日/聪/资讯/有限公司//联系/人/：/陈新渝//甲/缩/醛/二/氯/乙烷/脱/漆/剂/三/甲/氧/基/苯/甲/醛//99ZLPG/系列/中药/浸膏/型/喷/雾/干燥/机/，/QPG/系列/气流/喷/雾/干燥/机/D/、/DT/系列/酒精/回收塔/，/JRF/系列/间接/加热/热风炉/RYL/系列/燃油/、/燃气/热风炉/，/MC/系列/脉冲/布/袋/除尘器/GK/系列/干/式/造/粒/机/，/BK/系列/摇摆/颗粒/机/JZL/系列/挤压/造/粒/机/，/30/BIV//V/万能/粉碎机/5./本品/有/优良/的/抗/氧化/性能/，/对/热/和/氧/都/是/稳定/的/，/储存/不宜/变质/和/酸/败/。//[CN]/生产/各种/中/高/档/麦克/风/、/功/放/机/、/演出/器材/等/。/广/东/省/恩/平/市/恒/达/电/器/实/业/有/限/公/司/创/建/于/1996年/。/公/司/在/创/建/初/期/致/力/于/生/产/有/线/、/无/线/麦克/风/系/列/产/品/，/目/前/已/发/展/成/为/集/设计/、/开/发/、/生/产/、/销/售/和/服/务/于/一/体/的/综/合/性/专/业/家/用/电/器/及/麦克/风/生/产/厂/商/，/业/务/范/围/涉/及/会/议/用/麦克

风、/教学/用/麦克风、/有线/无线/麦克风、/无线/门铃/及/视频/接收、/发射/设备/等/电子、/电器/产品/, /并/已/通过/ISO9001/国际/质量/体系/认证/。/公司/生产/基地/位于/恩平市/民/资/外资/工业区/, /占地/面积/10000/余/平方米/, /生产、/生活/设施/完备/齐全/。/为/适应/中国/加入/WTO/的/新/形势/, /2001年/, /公司/在/原/广州/办事处/的/基础上/扩建/成立/营销/总部/及/广州/技术/研发/中心/, /不仅/加快/了/公司/了解/国际/市场/信息/及/技术/更新/的/速度/, /更/为/新/世纪/恒/达/技术/的/发展/和/腾飞/奠定/了/基础/。/公司/引进/先进/的/管理/理念/, /始终坚持/“/以/人/为/本/”/, /尊重/人才/, /提倡/高效/, /形成/了/一/套/具有/企业/独特/风格/的/科学/管理/模式/。/面向/新/世纪/, /未来/的/恒/达/将/是/“/优质/的/恒/达、/服务/的/恒/达、/发展/的/恒/达/”/。/优质/的/恒/达/: /恒/达/将/提供/先进/的/技术、/产品/和/服务/, /使/客户/真正/拥有/性/价/比/最/优/的/产品/: /服务/的/恒/达/: /为/市场/需求/服务、/为/社会/的/文明/进步/服务/: /发展/的/恒/达/: /创造/发展/空间/, /提升/员工/价值/, /提高/工作/生活/质量/。/恒/达/电子/将/秉承/“/质量/第一、/优质/高效/”/的/方针/继续/为/社会/服务/! /供应/单/板/微薄/木/产品/名称/: /单/板/微薄/木//自动/温度/补偿/: /可/自动/将/示/值/换算/成/25°C/时/的/数值/。//2./各种/金属/材质/冷凝器、/换/热/器/ (含/螺旋/板/式、/列/管/式/) // 联系/人/: /钱/军/辉//双向/报警/状态/回/传/确认//发/胶/产品/名称/: /发/胶//低/弹/丝/联系/电话/: /533-2890448//电话/: /0335-31667913166792//三/苯/基/磷/4-/硝/基/-N-/甲/基/酞/胺/5-/溴/-2-/甲/基/吡/啶/氧/化/物/邻/二/氯/苯/5-/溴/甲/基/吡/啶/压力/: /1.0-16.0M/pa/物/流/原则//锰/砂/滤/料/您/好/: //电子/信箱/: /liu616392@yahoo.com.cn/MX820/型/舒/驰/方/桶//捆绑/式/变送器/ (三/) /凡/进入/园区/的/企业/, /投产/后/所/缴纳/的/地/方/税/收/按/财/政/体/制/分/成/的/镇/得/部分/, /连续/三/年/全部/返回/给/企业/。//[CN]/中/弘/防/窃/电/智能/控制/装置/ ZHIC-A-1000/终/端/安/装/于/计/量/柜/ (箱/) /内/用于/监视/门/的/开/关/状态/。/一、/计/量/柜/ (箱/) /门/被/打/开/, /在/操/作/者/未/将/有/效/IC/卡/插/入/终/端/时/, /终/端/将/执/行/跳/闸/断/电/动/作/ (采/用/断/路/器/跳/闸/功/能/) /。/二、/操/作/者/结/束/操/作/后/未/关



闭/柜/（箱/）/门/，/终端/也/会/自动/执行/跳闸/断电/动作/。/三/、/当/终端/执行/跳闸/动作/后/，/无/有效/IC/卡/插入/，/无法/手动/合闸/。/该/装置/对于/最近/的/99/次/开/门/事件/，/终端/均/有/详细/记录/（时间/、/操作/者/身份/）/，/数据/在/终端/内/永久/保存/。/该/记录/可/由/管理/IC/卡/从/终端/转移/至/主控/计算机/，/由/本/系统/专用/软件/对/数据/进行/分析/、/存储/，/并/能/方便/地/进行/多/种/历史/信息/查询/的/操作/。/本/系统/终端/内/置备/用/电/源/在/遇到/电网/停电/（失/压/）/或/人为/破坏/时/，/仍然/能/保持/不/少于/3000/小时/的/检测/记录/功能/。/ZHIC-A-1000/系统/对/操作/安全/级别/进行/了/细致/地/划分/（母/卡/、/管理/卡/、/操作/卡/）/，/对/操作/卡/进行/时间/授权/以/防止/丢失/IC/卡/的/弊病/。/系统/内/卡片/在/未经/主控/计算机/授权/的/情况/下/无法/以/合法/身份/进入/终端/（终端/自动/执行/跳闸/动作/）/，/同时/，/该/卡/的/身份/信息/会/被/记录/于/终端/内/。/对于/主控/计算机/操作/人员/的/软件/使用/也/进行/了/严格/的/规定/。/使得/整个/系统/处于/完善/的/安全/使用/机制/下/。/装/运/目的地/：/石家庄//V/≤/0-750/V/，//门/幅/：/158/cm/售/辣椒/红色/素/、/辣椒/精/等/武安/珍/妍/天然/色素/有限公司/产品/质量/优良/，/卫生/和/质量/指标/稳定/，/质量/符合/中华人民共和国/卫生/使用/标准/GB10783-1996/及/相关/的/质量/标准/，/并/与/国际/质量/标准/FAO/WHO/接轨/。/主要/产品/有/辣椒/红色/素/、/辣椒/油/红/树脂/、/辣椒/精/、/辣椒/碱/、/高粱/红色/素/、/红/花/黄色/素/等/。//N-/乙基邻/甲/苯胺/N-/甲基/苯胺/N-/甲/基/邻/甲/苯/胺/N-/氯化物/N-/乙/基/苯胺/上海/双琦/化工/有限公司/座落/于/中国/经济/、/金融/、/贸易/中心/上海/。//寻求/显/卡/厂家/我方/现/求购/大量/的/显/卡/，/请/深圳/地区/的/厂家/与/我方/联系/！/“德惠康”/纳米/功能/杯/以/其/特有/的/活/化/、/净水/功能/、/优质/的/杯/体/及/时尚/的/款式/、/合理/的/价格/，/成为/节庆/、/公关/、/促销/、/走访/、/探/友/的/首选/礼品/并/与/多/家/礼品/公司/有着/良好/的/合作/关系/。//装/运/目的地/：/张家港市/腾/龙/机械/制造/有限公司//有/机/硅/原料/（二/甲基/硅/油/、/含/氢/硅/氨基/硅/油/、/107/硅橡胶/、/RTV/硅胶/、//性/防水/卷/材//SBS/改/性/沥青/？//td>/本/信息/真

实性/未经/中国/化工/网/或其他/机构/证实/, /仅/供/您/参考/, /请/谨慎/采用/, /风险/自负/。/如果/信息/提供/的/email/地址/、/电话/或/传真/号码/有/误/, /请/与/我们/联系/。/Copyright1997-2003CCNAllrightsreserved./

合作/、/代理/产品/名称/:/b.clean/ yrazhzh@yahoo.com.cn/ 二、/投资/及/合作/程序/说明//联系/地址/:/河南/巩义市/永安/路/南段/西/村镇//MAXSPEED/:/42K/M/H/,/50

功率/: /0.37K/W/ /180K/W//; // 交货/地点/:/本/厂//4、/合理/的/客户/管理/, /保证/经销商/切身利益/! // 合肥/: /魏兴茂//360° /全方位/可/转动/导向/罩/, /可以/实现/任意/定向/加湿// 保险/丝/系列/接线/端子/系列/端子/台/系列/灯饰/系列// N-氯/代/丁/二/ /亚/胺/ 产品/标准/:/99蜂巢/塔丝隆/210/T/ 硬脂酸/锌//99Zip/:/261100// 豆油/酸/工业/级/上海/产//上海/元/越/化工/有限公司//021-52827579.52806095/质量/保证/, /量/大/价格/优惠/./[全国/各地/, /可/代办/托运/]// 价格/便宜/实惠/, /普通/老百姓/可/轻松/购买/。 /个人/求购/: /13307314047/ 目前/旅游/大巴/游客/上下车/大多数/有/司机/手动/开启/车门/, // 为/一体/的/综合/型/企业/。 /在/奉贤/, /南汇/, /松江/等/工业/园区/及/江浙/一带/均//公司/依法/经营/, /重/合同/守/信誉/, /交货/及时/, /质量/保证/, /售后服务/完善/, /深受/广大/客户/好评/。 //一/氯/乙酸/钠/, /氯/乙酸/钠/出售/一/氯/乙酸/钠/, /氯/乙酸/钠/, /含量/98氰化/亚/铜/片/碱/硫酸铜/碳酸/钡/硫酸锌/我/公司/是/电镀/化工/、/橡胶/化工/和/农药/化工/的/专业/制造/企业/, // 温度/: /-28-120°C// 适用于/水/、/蒸汽/、/热/油/等/介质/; /最高/转速/: /100/RPM/; /最高/压力/: /2.0M/pa/。 /普通/型/最高/温度/: /220°C/; /高温/型/最高/温度/: /250°C/。 /采用/双/球体/非/平衡/式/结构/, /无须/要求/设备/的/同心/度/, /可以/自动/调整/同心/。 /外/管/体/直接/连接/到/辊子/或/烘缸/上/, /为/主要/的/旋转/部件/; /精密/加工/的/过/外/管/体/球面/、/底/盖/底/平面/和/浸渍/石墨/球面/密封/环/, /共同/组成/可靠/的/动/密封/摩擦/副/。 /当/介质/流经/密封/环/和/无/油/轴承/时/, /形成/一/层/很/薄/的/液/膜/, /加强了/密封/和/润滑/, /从而/减轻/了/磨损/, /延长/了/使用/寿命/ (本/产品/保质期/180/天/) /。 // 地址/:/河北/武安市/西/土山/村/西// 求购/汽车/倒车/镜/ 求购/汽车/倒车/镜/, /适用于/日本/产/的/小轿车/, /若/能/供

货/请/报/最低/出口/外销/价格/,/请/尽快/和/我们/取得/联系/,/详细/情  
 况/请/见/下/表/及/图片/:/汽车/倒车/镜/询/价/单/序号/型号/尺寸/形状/1/SM-  
 236B7-3//4/' /' /X4/' /' /BoltType2SM-510B5/' /' /X10/' /' /BoltType3SM-  
 510C5/' /' /X10/' /' /ClampType4SM-612B6/' /' /X12/' /' /BoltType5SM-  
 612C6/' /' /X12/' /' /ClampType6SM-ISUZU6-1//4/' /' /X12-3//4/' /' /ClampType7SM-  
 6BabyTurbo8SM-HORSEJeep9SM-HIACEHiace10SM-MAZDAFiera11SM-  
 L300L-30012SM-FXTamarawFX/ 可/外/接/音箱/;/ 产品/产地/:/西欧// 具  
 体/可/参看/图片/。 / 供应/厂商/有着/密切/的/联系/, /并/与/其/保持/着/良  
 好/的/合作/关系/。 / 现/已/形成// 供/: /有毒/生物/制 药/领域/专用/产  
 品—/ “蝎/毒/干粉” / (THELYOPHILEDVENOMPOWDEROFSCORPION) /。 / “蝎/毒  
 粉” / 分为/: /真/空/干燥/和/冷冻/干燥/二/种/。 / 本/产品/采用/高新技  
 术/, /根据/国家/质量/监督/检验/检疫/总局/出口/动物/毒素/ (东亚/钳/蝎/毒/) /检  
 验/方法/提取/检验/的/, /完全/符合/达到/: /国家/ (2002/第4/号) /SN//T1040/ /2002/行  
 业/标准/。 // 以上/全部/为/农/用/、/出口/, /请/厂家/参考/以/上/要求/报/可/供/产//  
 邻/氯/苯/甲/醛// 规格/: /根据/客户/要/求/定/做/ 要求/: /具有/一/定/的/英  
 语/水平/, /具备/海/运/知识/, /有/较/高/的/敬/业/精神/, /能/适应/室/外/工  
 作/, /营/销/、/国/贸/专/业/或/有/实/际/工/作/经/验/, /有/驾/照/者/优/先/考  
 虑/。 // 弹/力/花/呢/[CN]/供/厨/房/剪/刀/我/厂/生/产/各/种/厨/房/剪/刀/、/裁  
 缝/剪/刀/、/花/园/剪/刀/、/办/公/剪/刀/H/型/旋/转/接/头/系/列/: // GFSJ-  
 /系/列/高/效/粉/碎/机// 弹/力/布/ 请/访/问/<http://www.zscms.com/> 铝/镍/合  
 金/催/化/剂/ 产/品/标/准:// N-beta-/ 乙/基/哌/嗪// 产/品/简/介/: /六/偏/磷  
 酸/钠/赤/磷/聚/磷/酸/铵/磷/酸/二/氢/铵/99供/冲/击/电/钻/产/品/名/称/:/冲/击/电  
 钻// 供/应/空/墨/盒/ 产/品/名/称/:/空/墨/盒// 住/硫/磷// ◆/去/除/因/经/常/摩  
 擦/而/产/生/的/污/迹/, /如/领/口/和/袖/口/的/污/迹/。 // 北/京/德/惠/康/科  
 技/发/展/有/限/公/司/是/专/业/从/事/纳/米/技/术/水/处/理/应/用/与/开/发/的/研  
 发/实/体/, /经/我/公/司/科/研/人/员/的/刻/苦/专/研/, /于/今/年/成/功/地/开  
 发/出/拥/有/自/己/知/识/产/权/的/高/科/技/产/品//系/列/纳/米/功/能/杯/ (四/大/系  
 列/, /二/十/多/个/品/种/) /并/申/请/国/家/专/利/技/术/, /经/国/家/权/威/部  
 门/ (北/京/市/理/化/中/心/、/国/家/药/物/研/究/中/心/等/) /多/项/检/测/认



证/。/获/多/项/检验/报告/书/，/证明/德惠康/纳米/杯/的/功能/及/安全  
性/。// 2-/甲基/吡啶// 99.90康明斯/EQ153/盆/角/齿/ 康/发/产品/，/精  
工/制造/。/质/优/价/廉/，/批量/从/优/。/质量/第一/，/信誉/至上/。/加  
强/联系/，/欢迎/洽谈/。/请/拨打/电话/：/0832-56102635610262/联系  
人/：/罗燕/ 1/R-/顺/式/-2-/氟/环/丙/胺/（/1/R/，/2/S-2-/氟/环/丙/胺/ 用  
途/：/合成//装/运/目的地/：/中国/主/港//灯心绒/ 亚/磷酸/二/乙/ //987. /各  
类/出/风口//工程//公路//堵漏//地下室/车库//贮/水池//沉淀/池//地铁//铁  
路// 压力/：/0.6-6.4M/pa/ 等/。/用于/工程//桥梁//施工//隧道//泳池//楼  
群//建筑//水渠//挡// [CN]/家具/ 您好/：/我们是/江门市/万/成/古董/家  
具/厂/，/我们/供/家具/，/以下/是/我们/公司/介绍/：/江门市/万/成/古  
董/家具/厂/于/86年/成立/，/已/有/多年/的/购销/和/维修/经验/。/公司/自/创  
业/以来/，/精益求精/，/质/价/取胜/，/得到/广大/用户/同/客户/的/好  
评/。/公司/长期/生产/、/销售/中国/大陆/南北/古旧/家具/门/窗/花/板/。/有/：/樟  
木/顶/箱/柜/、/榆木/通/花/方/角/柜/、/红漆二门/二/抽屉/柜/、/红漆二  
门/二/抽屉/柜/、/红漆/二门/梳子/柜/、/王/木/香/几/、/王/木/圈椅/、/通  
花长/方桌/、/五/抽/闷/柜/、/二/抽/酒/棹/等/。/有意/者/请/尽快/与/我们/联  
系/！/祝商祺/！/联系/地址/：/广东/江门/里/村/泮/海里/110/号/邮政编码/：/529000/联  
系/电话/：/750-3389813/联系人/：/负责人/电子/邮件/：/service@1608.com/网  
址/：/http://www.jmwancheng.com/ 产品/产地/：/进口//这些/症状/可能/会/伴  
随/情绪/的/改变/以及/对/异性/失去/兴趣/。// 挡/圈/ 异/丁/胺/99.90硫  
酸钾//糖/烟酒/礼品/袋/，/时装/，/促销/广告/袋/，/文件/信封/袋/，/卫  
生/，/婴儿/尿/裤/及/床/上/用品/，/圣诞/袋/，/背心/袋/，/垃圾袋/等/。//  
五/氧化/二/磷/ 您好/：// 传真/：/0755-26701428// 氧化/锌/ 产品/标准/：/Pb/</90/PPM/  
非/接触/红外/体温/测试仪//现/供应/笔筒/、/迭/架/纸/格/、/名片/格/、/三/层  
叠/架/、/书信/格/、/小/网/筒/等/。//热/收缩/膜/ 您好/：// 芦荟/所/含/的/化  
学/成分/有/几百/种/。/其中/已/研究/清楚/的/化学/成分/有/70/多/种/。/在/化  
学/成分/中/含量/较/高/的/有效/成分/为/芦荟甙/，/芦/荟/多糖/，/还/含  
有/纤维素/，/蛋白质/，/维生素/，/蛋白质/，/微量元素/以及/氨基  
酸/，/有机/酸/，/矿物质/，/烷/烃/类/，/酶/类/等/。//我们是/上海/富/蔗/化

工/有限公司/,我们/供/氰基乙/ /胺//99Tel:/0515-870688087032818706045//  
[CN/]可/供应/还原/染料/产品/我/公司/可/长期/提供/优质/还原/黄/G/,还  
原/黄/GCN/,还原/大红/R/,还原/兰/RSN/,还原/棕/BR/,还原/灰/M/,还  
原/灰/BG/,还原/艳/绿/FFB/,还原/紫/2/R/,还原/吡叽/2G/等/产品/。 /炔/雌/醇/EthinylEstradi  
勃龙/Trenbolone/孕/三/烯/酮/Gestrinone/美/雌/醇/Mestra/ 用途:/面/议//  
涤纶/短/纤//为/一体/的/综合/型/企业/。 /在/奉/贤/, /南汇/, /松江/等/工  
业/园区/及/江浙/一带/均//供/应/智能/双数/显/计/测/器/ 产品名称:/智  
能/双数/显/计/测/器//激光/全息/工艺品/（镀金/摆件/）/(图)/ 产品/名  
称:/一帆风顺//消/声/止回阀/ 用途:/贸易//偏/三/苯酚//邮政编码:/102600//  
记忆/播放/功能// D3哈纳斯/自然保护区:/布/尔/津/乘/汽车/至/哈纳  
斯/自然保护区/, /在/山上/远眺/月亮/湾/.///././销售/并/订/作/各种/车  
型/空气/滤/清/器/我/司/为/一/大/规模/生产/滤芯/的/厂家/, /从/生产/滤  
纸/到/产/成品/均/由/我/厂/技术/人员/操作/成形/, /保证/质量/ 甲基/乙  
烯/酮/(丁烯酮)/98.50标准/电话机://合/成/甲醇/时/作/催化剂/, /合成  
氨/时/作/脱/硫/剂; //并/用/于/玻璃//本/公司/以/诚信/为/本/, /求真务  
实/, /结合/并进/, /共/创/商/机/的/哲学/信念/。 /热忱/欢迎/国内/外/人  
士/、/经销商/、/防水/施工/公司/光/临/本/公司/参/观/指/导/, /洽/谈/业  
务/与/合作/。 /塑/胶/粉碎/机/(图)/ 特点/: /1/、/机体/全/钢板/焊/接/, /特  
别/坚固/耐/冲击/, /非/铸件/机体/可/比较/, /机体/保/固/十/年/。 /2/、/ “/A/、/C/” /机  
型/4/排/固定/刀/及/水/冷/却/循环/系统/设计/, /产量/高/, /粉碎/能力/强/特  
别/适合/粉碎/胶/头/、/大型/胶/件/、/管材/、/机壳/类/塑胶/。 /3/、/ “/A/、/C/” /机  
型/列/适合/粉碎/PVC/、/TPR/、/TPE/、/PP/、/PE/等/软/质/低/熔点/塑  
胶/可/小时/连续/作业/。 /4/、/ “/B/、/D/” /机型/2/排/固定/刀/设计/, /清/料/简  
单/方便/, /粉碎/能力/强/。 /5/、/可/依/客/户/要求/加/多/附件/及/修改/结  
构/。 //ZTOV/型/泵/集/自/吸/清/水/与/排污/于/一身/, /采用/轴/向/回流/外/混/式/, /并/通  
过/泵/体/、/叶/轮流/道/的/独特/设计/、/不/需/安/装/底/阀/及/灌/引/水/; /它/结  
构/紧/凑/、/运行/平/稳/、/维护/容/易/、/效率/高/、/使用/寿/命/长/, /并/有/较/强/的/使  
用/能力/, /使用/十分/方便/。 // 邮/政/编/码:/322000// 1/、/鼓/励/外/商/投  
资/者/从/企/业/中/取得/的/利润/实行/再/投资/（或/增/资/）/。 /其/再/投

资的/利润/原/已/缴纳/企业/所得税/可/享受/退还/40性质/：/无/色/或/微/黄  
色/液体/。/有/强烈/的/刺激性/，/遇/水分/解/。/能/溶/于/苯/、/四/氯//  
冲/压/件/ 我/公司/有/大量/冲/压/产/品/需/外/发/加/工/，/请/有/生/产/余  
力/的/相关/厂家/尽快/与/我/联系/。//用途/：/我/公司/目前/对/合成/云  
母/的/需求/量/是/50吨//月/涂/料/用//分/散/嫩/黄/SE-4GL/ 4-/氯/水/杨  
酸/4-/氨基/吡/啶/4-/甲/基/水/杨/酸/4-/甲/基/水/杨/酸/甲/ 4-/氯/丁/醇/ 上  
海/双/琦/化/工/有/限/公/司/座/落/于/中/国/经/济/、/金/融/、/贸/易/中/心/

/上海/。//能/。/公司/产/品/的/应/用/涉/及/到/食/品/、/化/工/、/医/药/、/造  
纸/、/环/保/、/地//公/司/本/着/“/质/量/第/一/、/服/务/第/一/”/的/宗/旨/，/竭  
诚/为/广/大/客/户/服/务/，/欢/迎/新/老/客/户/来/电/、/来/函/、/来/人/洽/谈/合  
作/事/宜/。/[CN/]全/球/最/著/名/TORMEC/圆/风/管/机/械/，/可/加/工/最/大/至/1.4m/直/径/圆  
度/大/，/密/封/性/能/好/。/各/种/直/径/圆/管/转/换/迅/速/，/有/高/速/同/步/切  
断/装/置/，/加/工/速/度/快/，/性/能/稳/定/。/全/球/最/著/名/TORMEC/圆/管/弯/圆/机/，/其/加  
工/能/力/强/，/施/工/方/便/、/快/捷/。/操/作/简/单/，/对/环/境/和/电/器/设  
备/无/特/别/要/求/。/硝/酸/钴//异/丙/醇/产/品/标/准/：/净/水//硬/脂/酸/甘  
油/乌/骆/驼/品/淀/粉/葡/萄/糖/[CN/]寻/感/应/卡/设/备/代/理/人/(商)/本/公  
司/是/一/家/生/产/感/应/卡/一/卡/通/设/备/(考/勤/机/、/售/饭/机)/的/科  
技/公/司/，/产/品/主/要/面/向/学/校/、/企/业/、/事/业/单/位/，/希/望/能/与/合  
作/人/共/同/开/拓/本/地/区/的/市/场/；/[包/装/]：/25K/G//桶/(纸/板/桶)/ /  
交/货/地/点/：/均/可//全/不/锈/钢/制/造/可/拆/绞/肉/头/防/水/开/关/CE/认/证//  
产/品/产/地/：/本/厂//阿/维/菌/素/预/混/剂/弹/力/雪/纺/The2-piecehighqualitytungstensteelblade  
备/注/：/量/大/价/优/，/质/量/可/靠//加/拿/大/合/作/山/野/菜/加/工/项/目/加/拿  
大/合/作/山/野/菜/加/工/项/目//XGF-2/加/氢/裂/化/阻/垢/剂//0311-4322158//  
磷/酸/氢/钙//2-/基/异/丁/酸/乙//99/[CN/]WYK/系/列/直/流/稳/压/稳/流/器/  
性/能/特/点/：/★/稳/压/稳/流/可/连/续/调/节/，/使/用/方/便/；/★/串/联/二/次/予/稳/压/设  
计/，/提/高/整/机/工/作/效/率/；/★/管/道/式/循/环/散/热/设/计/，/整/机/温/升/低/，/产  
品/寿/命/长/；/★/功/率/器/件/不/外/露/，/不/会/意/外/损/坏/设/备/；/★/过/流/、/过/压/、/短  
路/、/过/热/全/方/位/保/护/，/安/全/可/靠/；/主/要/应/用/：/★/直/流/电/机/测/功/机/配  
套/；/★/直/流/电/机/检/测/、/老/化/、/电/动/车/电/机/检/测/、/测/试/；/★/电

解/电容器/、/电阻器/、/继电器/等/电子器件/检测/、/老化/；/★/军事/设备/、/航空/、/航天/、/铁路/、/工业/自动化/等/领域/；/★/电子/线路/实验/、/医疗/仪器/、/交通/、/通讯/等/应用/；/主要/技术/参数/：/输入/电压/：/单相/AC220V±10三/聚/氰/胺/产品/标准/：//蜂巢/、/塔丝/纶/透气/白/胶/涂/层/分/散剂/E-mail/：/hcr001@vip.163.com/e-mail/：/syj@mail.5322.com/软包装/产品/，/包括/各种/塑料/包装/袋/。/如/食品袋/、/茶叶/袋/、/奶粉/袋/、/酱油/袋/、/酒/袋/、/榨菜/袋/、/真空/袋/、/蒸煮/袋/、/铝箔/袋/、/电/割/袋/、/服装/袋/（/手提袋/）/、/方便/袋/（/背心/袋/、/垃圾袋/）/、/立体/袋/（/自立/袋/、/直立/袋/）/、/拉链/袋/（/自封/袋/、/凹凸/扣/袋/）/、/农药/袋/、/种子/袋/、/塑料袋/、/复合/袋/、/包装袋/等/。//我/场/苗木/自产自销/品种/多/规格/全/无/中间商/面向/全国/代办/铁路/飞机/托运/100/元/起/邮/量/大/可/优惠/，/并/可/送货/上门/。//装/运/目的地/：/桐乡//传真/：/0577-86837889//柴油/车/输/油泵/、/塑料/风/叶/、/本/厂/专业/生产/各种/柴油/车/用/输/油泵/、/塑料/风/叶/、/产品/型/多/号/齐全/、/欢迎/惠顾/、/野禾/系列/热塑性/弹性体/更/具有/以下/优点/：/它/可以/通过/二/次/注塑/成型/，/牢固/地/包/覆/并/粘合/在/PP/、/PE/、/PS/、/ABS/、/PC/、/PA/等/基/体/材料/上/，/也/可/单独/成/形/后/，/套/在/柄/上/。//邻/氨基/苯/甲酸//99酸性/媒介/黑/A/[CN]/供/压力机/旋/铆机/铆钉/机/液/压/机/冲/床/气/弹/簧/等/江苏省/宝应县/金/华/压力/设备/制造厂/（/网址/：/www.jszxb.com/电话/：/0510-8865203212249513961784560/）/专业/生产/销售/气动/压力机/、/气动/旋/铆机/、/气动/铆钉/机/、/液/压/旋/铆机/、/液/压/机/、/脚/踏/冲/床/、/电/动/台/冲/床/、/气/动/冲/床/、/手/动/压力机/和/气/弹/簧/及/相关/配件/如/气/缸/、/继/电/器/等/，/品种/齐/全/，/生产工艺/先进/，/技术/力量/雄厚/，/测试/手段/齐/全/。/我们/将/竭诚/为/海内/外/的/广大/客/户/服/务/。/并/可/根据/用户/的/需要/进行/改/型/制/造/，/并/同时/提供/配件/附件/。/保证/质量/，/并/交/货/及时/，/提供/优质/的/售后服务/。/我/厂/宗旨/：/“/质量/第一/，/用户/第一/，/信/誉/第一/”/。/热忱/欢迎/广大/用户/来/电/来/函/洽/谈/订/购/。/弹/力/府/绸/绣/花/间/氨基/苯/酚/99.50我/公司/总/代理/法国/“/7分/打/扮/”/天然/植物/精/华/护肤/品/系列/：/美/白/保/湿/、/深/层/修/复/保/湿/、/眼/部/特/效/、/手/部/护/肤/、/功

效/型/护肤/等/护肤/系列/产品/。//2-/氰/吡/啉/99该/产品/是/本/公司/新/产  
 品/，/是/一/种/用/涤纶/超/细/纤维/丝/交织/的/超/柔软/面料/，/在/经/编/行  
 业/中/占有/一定/市场/。/该/产品/广泛/用于/服装/，/玩具/行业/。/该/产  
 品/的/手感/是/其它/经/编/产品/无法/比拟/的/。/三/苯/基/乙/基/溴/化/磷//  
 99烘/干/机/我/公司/需要/求购/一/台/饲料/烘/干/机/，/这里/将/需要/烘  
 干/的/饲料/情况/介绍/如下/，/请/帮助/选择/合适/的/烘/干/机/。/动物/肉/渣/粉/、/植  
 物/渣/（/0-3M/M大/小/）/，/原来/水/份/在/15-30磷酸/、/甲/酸/、/醋/酸/钠/、/氢/氧  
 化/钾/、/用途/：/经营//化/纤/长/丝/织物/我/长/供应/各种/塑料/风机/，/适  
 用于/化工/、/电镀/等/防腐/场所/。/欢迎/选购/。/中/英文/智能/电磁/流量  
 计/、/稳定/的/性能/、/合理/的/价格/、/你/理想/的/选择/国际/名牌/购  
 物/网/招商/部/王/小姐// KZL/系列/快速/整/粒/机// 招聘/国际/货运/代  
 理/业务/人员/和/办公室/秘书/1/、/海运/操作/人员/1/名//五/乙/烯/六/胺/99.00弹/力/  
 份/有限公司/以及/蓝星/集团/各/下属/企业/的/各种/有机/硅/产品/邻/乙/氧/基/苯  
 甲酸/甲/ /99四/。/项目/效益/与/分析//生物/冰/袋/（/图/）/用于/生化/试  
 剂/，/锡/膏/，/兽/药/，/血/浆/，/疫/苗/，/水/产/，/海/虫/，/观/赏/鱼/，/奶  
 制/品/，/肉/制/品/，/农/产/品/，/花/卉/，/蔬/菜/，/水/果/等/长/距离/保/鲜/运  
 输/。/转/让/2000年/三/凌/吉/普/V6/V73帕/杰/罗/转/让/2000年/三/凌/吉  
 普/V6/V73帕/杰/罗/，/八/成/新/，/车/况/好/，/手/续/齐/全/，/转/让/价/6.5万/元/。/98年/三  
 凌/吉/普/V33/转/让/价/4.1万/元/。/两/车/都/是/单位/用/车/。/欲/购/者/与/：/13599738747/与/苏  
 永/康/联系//4。/建设/条件/：/黔/江/及/周边/。/市/。/县/。/土地/资源/丰  
 富/，/蔬/菜/无/污/染/，/生/产/技术/稳/定/，/交/通/方/便/，/水/电/，/通//有/保  
 障/。//EPSON/、/CANON喷/墨/打/印/机/各/型/号/博/图/品/牌/墨/盒/，/保  
 证/打/印/效果//1-/phenyl-3-methyl-5-pyrazolone99/双/钢/轮/振/动/压/路/机/  
 供/应/商/必须/能够/提供/技术/支持/；/请/有/兴趣/的/合格/供/应/商/把/该/设  
 备/的/具体/价/位/、/设备/彩/色/图/片/、/设备/技术/参/数/及/公/司/简/介/用/电  
 子/邮/件/形/式/发/送/到/我/公/司/信/箱/，/我/公/司/经/过/认/真/对/比/后/会/给/贵/公  
 司/一/个/答/复/！/电/调//FM收/音/机/；//我们/是/深/圳/市/威/尔/商/贸/有/限  
 公/司/，/我们/供/玩/具/，//网/络/营/销/解/决/方/案/产/品/标/准/：//弹/力/顺/发/约/  
 3- /溴/苯/酞/二/ /甲/基/丙/酸/六/氟/磷/酸/，/六/氟/磷/酸/钠/，/六/氟/磷



酸铵/, /等/六/氟/化/物/氟/硼酸/钾/, /氟/硼酸/铵/, /氟/硼酸/钠/等/氟/化/物/氟/化/镁/  
 此/供应/长期/有效/, /欢迎/查询/ 生产/和/经营/于/一体/的/综合/型/企  
 业/, /桃/浦/有/自己/的/生产/厂房/, /在/奉贤/, // 二月/桂/酸/二/丁基锡/ $CN \geq 18$ /上  
 海/二/正/丙/胺/99.5Frontwheelsizesis:/1/, /85/quot;/x18quot;/-2/, /25/quot;/x17quot;//  
 / 摩托罗拉/V60//500/元//V70//800/元//T190//260/元/T191//300/元//360/E//980/元//720//1150//  
 系/电话:/;13599738747/联系人:/;苏永康// 丙酮/ 产品/标准:/; 钟管镇/致  
 力/于/工业/强/镇/, /始终/把/工业/经济/作为/经济/工作/重中之重/来/抓/, /通  
 过/工业/经济/的/发展/来/促进/效益/农业/发展/和/小/城镇/建设/。 /目  
 前/, /在/工业/上/形成/了/以/生物/化工/、 /精细/化工/和/装饰/材料/为/主  
 导/的/产业/结构/, /拥有/国家级/企业/集团/——/升华/集团公司/, /99年/11月/16日/, /升  
 华/集团/下属/拜/克/生物/股份/有限公司/发行/3600万/股/A/股/在/上海/证  
 交所/上市/, /成为/湖州/地区/首/家/上市/公司/。 // 二/硫化/钼/70清/树  
 脂//灯芯绒/裤/ 请/有意/合作/的/工厂/, //新/到/大量/二手/原装/IBM/移  
 动/PC/, /配置/ : /12.1/寸/TFT/真/彩/液晶/显示器/, /最高/可/上/1024/X768/, /光  
 驱/, /1.44/软驱/, //过/硫酸铵/98.50地址:/;河北/黄骅市/北/内/环/205/国  
 道/东/80/米// 硫酸/二/甲/ / 产品/标准:/; wwwjvivan@21cn.com/ 振泰/供/3-  
 /呋/咪/乙/酸/(IAA)/ 您/好:/; 十四/酸/99.90粉碎/机/系列/混合/机/系列/制/粒/机/系  
 列/筛/粉/机/系列/干燥/系列/ 粉碎/系列// 产/袋/规格/ : /可/调// 售/黑  
 色/PE/聚/乙/烯/再/生/料/本/公司/常年/大量/提供/黑色/PE/再/生/料/, /有/意/者/请/与/我/公  
 司/联系/。 /可/提供/增值/税/发/票/。 // 温度/ : / $\leq 100^{\circ}C$ // 白/肥// 我/公  
 司/成/立/于/1999年/, /自/成/立/以/来/, /以/其/超/前/的/意/识/, /在/市场/的/占  
 有/份/额/不/断/上/升/。 /高/素/质/的/管/理/人/员/和/技/术/人/员/是/我/们/的/一/大/财  
 富/, /随/着/世界/经济/发/展/及/科技/的/进/步/, /本/公司/亦/紧/贴/市场/需  
 求/不/断/努/力/, /我/们/奉/行/一/个/宗/旨/ : / “/以/最/好/的/产/品/满/足/客  
 户/的/要/求/” /。 // 酒/精/回/收/塔/、 /真/空/蒸/馏/塔/、 /多/功/能/提/取/罐/、 /减  
 压/农/缩/罐/ 本/厂/主/要/产/品/有/ : // 3. /项目/总/投/资/ : /5500万/元/人  
 民/币/。 // 硅/酮/密/封/胶// 钟/管/镇/荣/誉/栏// 如/果/你/想/的/话/就/跟/我/联  
 系/。 /谢/谢/。 /电/话/ : /0631-6990355// 放/空/阀/用/途/ : /贸易// <http://www.tuolasi.net>/在/线/ (C  
 三/丁/基/氯/化/锡/99a)/Bigpot/:/6/quarts/ 提/供/所/有/国/产/及/进/口/压/路

机/、/摊铺/机/、/铣/刨/机/、/挖掘机/、/推土机/、/打桩/机/、/橡胶/配  
件/。/1/、/摊铺/机/履带/板/机型/：/徐工/、/福格勒/、/ABG/、/戴纳  
派克/、/英格索兰/、/陕/建/、/中联/、/三一/、/BIELLI/、/鼎盛/、/华  
通/、/中/大/、/西安/筑路/、/新/筑/路桥/等/。/2/挖掘机/橡胶/履带/板/机  
型/：/HTACHI/、/小松/、/大宇/等/、/各种/国产/中小型/挖掘机/3/、/压  
路机/减震器/机型/：/徐工路友/、/戴纳派克/、/英格索兰/、/宝马/、/小  
松/、/卡特/、/悍马/、/CASE/、/酒井/等/。//叠/氮化/钠/99供/应/汽车/标  
准/强度/弹性/螺母/、/紧/固件/、/连接/件/、/结构/冲压/件/、/汽车/非/标  
准/强度/弹性/螺母/ 武汉/必/达/机电/实业/有限公司/创建/于/1992年/、/是/一/家/专  
业/生产/汽车/标准/和/非/标准/高/强度/弹性/螺母/、/紧/固件/、/连接/件/和/结  
构/冲压/件/的/民营/企业/。/lt;/br>lt;/br>/公司/厂/区/占地/面积/26000/多/平  
方米/、/厂/房/建筑/面积/5000/余/平方米/。/公司/注册/资金/1000万/元/、/总/资  
产/ L-/天门冬/氨/酸/碱/ 产品/标准/:// 我/司/现/急/购/发/胶/、/销/往/澳  
大利亚/、/如/有/生产/此类/产品/的/厂家/请/速/与/我/联系/。/弹/力/类/面  
料/[CN]/水彩/笔/水/笔/、/二十四/色/、/可/提供/图片/。/如/有/类似/产  
品/请/与/我/联系/、/谢谢/！/第二/功能/：/车/载/免/提/——/开车/打手/机/、/方  
便/又/安全/；/不/用/拿/起/手机/、/即可/完成/通话/；//5/、/经/税务/机  
关/批准/、/允许/外商/投资/企业/的/固定/资产/加速/折旧/。// 1/XH-  
200/型/聚乙烯/蜡/105/1158500/还有/更/多/款式/请/打开/(产品/目录/)/查/看/或/与/我/行/联  
系// 供应/电子/胎/压/计/ 数字/式/汽车/轮胎/压力计/、/产品/有/二十  
几/个/系列/、/一百多/个/品种/、/Accutirereg/、/数字/式/轮胎/压力计/具  
有/准确/度/高/、/全/电子/式/液晶/显示/（有/背光/显示/、/夜间/找/孔/指  
示/、/轮胎/花纹/深度/测量/等/功能/）/、/自动/开关/、/使用/寿命/长/、/性/价/比/高/、/携  
带/方便/、/是/驾驶/朋友/们/的/常/用/工具/。/其/价格/适中/、/也/是/汽  
车/生产/、/销售/企业/及/配套/企业/上/佳/的/广/告/宣/传/品/（可/根据/企  
业/需求/定做/内外/品牌/包装/、/包装/方式/有/热/合/塑料/、/礼品/盒/等/）/。/征/代  
理/分/销/商/、/详/情/请/浏览/我/公司/网站/http://www.gd-antai.com/电  
话/：/0750/ /66552026680350/传/真/：/0750/ /6655456/邮/址/：/sale@gd-  
antai.com1/21/XH-211/型/PVC/专用/蜡/15900//灯/心/绒/乱/印/急/求/购/200K/W/防/爆/柴



油机、/200K/W/防/爆/用/发电机/禾/各/20/台/四、/鞋/撑/的/强度/高/，/耐/压/性/好/，/造  
 型/美观/，/可/满足/各款/鞋/式/使用/。//四/大/功能/：//淄博/海/杰/化  
 工/有限/公司/废/ABS/用途/：/加工//2-/氨基/-2-/甲基/丙醇/产品/标准/：//  
 FAX/：/020-83848110/风/机/盘/管/软/接头/产品/名称/：/风/机/盘/管/软/接  
 头//叔/丁/胺/德/BASF/进口/上海/元/越/化工/有限/公司/./021-.52827579.52806095/质  
 量/保证/，/量/大/价格/优惠/./[全国/各地/，/可/代办/托运/]./[CN/]供应/各  
 种/AA/，/AAA/碳/性/干/电/池/兆/能/电/池/厂/专业/供应/各种/AA/，/AAA/碳/性/干  
 电/池/，/该/产品/属/无/汞/、/低/铁/、/低/镉/环保/电/池/，/产品/各/方面/的/指  
 标/均/已/达到/国际/上/相关/规定/，/并/已/达到/国际/、/国内/名牌/同/类/产  
 品/的/水平/，/无论是/贮存/性能/和/防/漏/性能/绝对/经/得起/考验/。/详  
 情/请/浏览/我们/的/网站/或者/直接/电/邮/和/我们/讯/盘/./讯/盘/请/注  
 明/您/的/邮/件/地/址/，/谢谢/！/氯/霉/素/产品/标准/：/BP98//BP2000/非/重  
 复/充/装/焊/接/钢/瓶//4-/基/-3-/吡/啶/磺/酸/用途/：/出口//生/产/销/售/天  
 然/化/妆/品/原/料/水/，/油/您/好/：//弹/力/丝/绸/面/料/求/购/汽/车/防/盗  
 器/主/机/外/壳/本/人/因/生/产/需/要/，/急/需/汽/车/防/盗/器/主/机/塑/料/外  
 壳/，/有/货/者/尽/快/与/我/联/系/！/深/圳/市/松/野/电/器/有/限/公/司/系/中  
 外/合/作/经/营/企/业/，/专/业/研/发/、/制/造/高/压/电/源/及/环/保/小/家/电/产  
 品/。/主/要/有/：/负/离/子/发/生/器/、/臭/氧/发/生/器/、/家/用/空/气/净/化  
 器/、/车/用/空/气/清/新/机/、/车/用/臭/氧/除/味/杀/菌/机/、/家/用/果/蔬/解  
 毒/机/、/工/业/用/臭/氧/消/毒/机/、/U/盘/氧/吧/、/负/离/子/电/吹/风/、/氧/吧/护/眼/台  
 灯/、/高/压/灭/蚊/电/源/等/。/重/量/：/32/克//诚/心/希/望/与/您/合/作/！/欢  
 迎/来/电/、/来/人/咨/询/、/洽/谈/。/2/、/入/园/项/目/符/合/国/家/法/律/、/法  
 规/和/产/业/政/策/的/规/定/。//卡/巴/肼//99/环/己/烯/99.5/蜂/巢/塔/丝/纶/PU/白/胶/透/湿/涂  
 层/蜂/巢/茶/巾/壳/聚/糖/产/品/标准/：/各/种/数/目//电/站/用/调/节/阀/通/径/：/15-  
 50m/m/L-/缬/氨/酸/产/品/标准/：/FCCIV/2/、/合/理/的/价/格/。/最/低/供  
 货/价/，/超/大/利/润/空/间/。//FL/系/列/沸/腾/制/粒/机//我/们/真/诚/期/待/与/您/携  
 手/合/作/，/共/同/开/拓/国/内/外/市/场/。/欢/迎/新/老/朋/友/来/我/公/司/洽  
 谈/！/delong@heinfo.net/II/：/F46/窄/口/瓶/、/洗/瓶/、/滴/瓶/、/离/心/管/、/亚/沸  
 腾/蒸/馏/器/、/烧/杯/；//2/XH-201/型/氧/化/聚/乙/烯/蜡/90/10512500/本/品/底

部/小/盒/置/有/芳香/香料/, /散发/出/悠悠/芳香/, /能/使/人/心情/舒畅/, /平静/, /倍/觉/神清气爽/。 /我/公司/专业/生产/办公/家具/ (转椅/, /台面/板/, /屏风/) /系列/, /各种/款式/齐全/, /提供/度/身/订/造/和/完善/的/售后服务/。 //磁/漆/铁丝/窗纱/-/绿色/涂/塑/铁丝/窗纱/-/绿色/, /蓝色/等//

WFJ-30/型/微/粉碎机// 140\*140/ ; /JHX140\*160/ ; /JHX-127\*127/ ; /JHX-120\*120/ ; //联系/地址/:/湖南/衡阳市/石鼓/区/五一/路/82/号//怡/家/光/触媒/杀菌/净化/环保/产品/征/代理商/产品/名称/:/怡/家//L-/半/胱/氨酸/盐酸/盐/医药/级/上海/L-/半/胱/胺/酸/98本/公司/创建/于/己/于/1985年/, /至今/已/近/20/年/历史/, /一贯/是/印制/化妆品/, /药品/, /食品/, /电器/产品/, /玩具/, /服装/等/的/包装/装潢/用品/, /主要/是/商标/, /纸/盒/, /纸/袋/, /吊/牌/等/产品/, /自从/90/年代/, /本/厂/率先/引进/不干胶/商标/生产/技术/和/设备/, /经过/不断/发展/, /至今/已/拥有/两/台/全新/进口/四/色/商标/机/, /四/台/自动/四/色/不干胶/印刷机/, /全部/工序/一次性/完成/的/现代化/印刷/生产线/, /并/配备/有/一/批/经验/丰富/的/技术/人员/和/美术/设计/人员/, //

[/CN/]手提式/升降机/ (全球/最/轻/的/起重机/) /用于/承载/重物/的/升降/, /通风/管道/适合/风机/盘/管/冷冻/设备/高空作业/舞台/灯光/, /百货/贮藏/等/重物/的/安装/。 /该/机/为/全球/最/轻/之/小型/折叠/式/长/降/机/, /机/身为/铝合金/制造/, /五/脚/着/地/, /可/伸缩/, /随时/调整/, /不/受/地形/高/低/或/凹凸不平/地面/限制/, /稳定性/高/。 /四/乙/烯/五/胺/99.90威海/卡/尔/超声/工程/有限公司/隶属于/卡尔/企业/集团/。 /是/山东省/科委/认定/的/高新技术企业/, /专业/开发/制造/功率/超声波/设备/及/系统/。 /目前/主要/产品/有/: /超声波/料/焊接/机/, /超声波/工业/清洗/机/。 //四/乙/烯/五/胺/ 产品/标准/:// 产品/产地/:/上海/产// [/CN/]生产/功率/放大器/, /功放/机/, /压缩/限/幅/器/等/产品/ 恩平市/奥/特/发展/总公司/位于/广州/珠江/三角洲/内/, /毗邻/港/澳/, /交通/方便/。 /公司/创建/以来/, /发展/迅速/, /在/全国/各地/有/15/个/分支/机构/, /拥有/自己/的/工业/大厦/。 /其/中/奥/达/音响/器材/厂/是/从事/专业/音响/器材/的/研究/, /开发/及/生产/, /产品/质量/已/达到/先进/国家/同类/产品/的/水平/, /已/为/多/个/国家/的/公司/OEM/专业/音响/器材/, /都/获得/客户/的/好评/, /并/为/客

户/保密/。/我们/公司/专业/生产/功率/放大器/，/功放/机/，/专业/立体声/均衡器/系列/，/多/频段/音频/激励/器/，/电子/分/频/器/，/压缩/限/幅/器/等/产品/。/公司/以/“/团结/、/创新/、/务实/、/高效/”/的/企业/精神/，/竭诚/与/各国/专业/音响/人士/友好/合作/，/为/客户/提供/高/质/素/的/产品/，/为/客户/提供/满意/的/服务/，/共/创/美好/的/明天/。/欢迎/来/人/来/电/洽谈/业务/。/呋喃/唑/酮/产品/标准://[CN]/止/器/健康/睡眠/更/安心/止/器/健康/睡眠/更/安心/山/佳/止/器/设计/原理/和/功能/特点/巧妙/独特/，/止/效果/非常/明显/。/由于/人/的/身体/状况/、/生活习惯/、/打/历史/，/发展/程度/以及/咽/部/结构/各/有/差异/，/发生/打/的原因/十分/复杂/，/各/不/相同/，/使用/山/佳/止/器/的/效果/亦/表现/各异/。/有/的/使用/较/短/时期/后/打/能/停止/或/减轻/，/也/有的/则/需要/较/长期/逐渐/改变/打/和/张口/呼吸/的/习惯/，/但/只要/坚持/使用/本/品/，/均/会/起/到/防治/打/、/控制/发展/、/减轻/和/消除/声/的/家庭/自我/理疗/和/手术/愈/后/理疗/的/作用/和/良好/效果/。/详情/请/见/：<http://www.8848.net.cn/>/联系人/：/任/经理/电话/：/0539-71688488888848/销售/不锈钢/顶/书/针/(图)/产品/名称/：/不锈钢/顶/书/针//1./具备/良好/的/商业/信誉/和/社会/关系/，/并/拥有/一定/的/资金/实力/；//流量/控制阀/通/径/：/40-800m/m/工业/盐酸/用途/：/生产/用//温度/：/-10-80°C//联系电话/：/29-82080535//联系电话/：/10-84647117//汽车/点火器/我/是/台湾/日/盛/国际/宁波/办事处/，/急需/图片/中/的/四/款/点火器/，/有/生产/厂家/尽快/和/我/联系/!!/!!/公司/主要/产品/包括/陶瓷/、/石英/晶体/二/大/系列/的/谐振/器/和/滤波器/系列/产品/，/产品/主要/应用/于/通讯/、/PF/摇/控/、/TV/、/电脑/、/音响/等/多种/领域/。/产品质量/稳定/可靠/，/为/国内/各/大/整机/生产/企业/配套/。/[CN]/供应/电子/显示屏/室外/点阵/屏/室内/点阵/屏/证券/显示屏/金融/利率/屏/体育场馆/屏/民政/显示屏/N-/乙基/唑/产品/标准/：/98我们/是/上海/富/蔗/化工有限公司/，/我们/供/二/乙/基/胺/上海/，//磷酸/三/乙/产品/标准/：/99.5联系电话/：/371-4352945//4-/氰/基/吡/啶//99测试/电压/：/2500/V/（/3121/）/，/500诚/寻/艺术类/产品/长期/供货/商/我/司/投资/的/《/国际/名牌/购物/网/》/在/开

业之际, /诚/寻/艺术类/品牌/产品/或/服务/长期/供货/商/合作/ (含  
琴/、/棋/、/书/、/画/、/婚纱/摄影/、/盆景/等/) /, /有/意/者/请/登陆/我/司/主  
页/登记/或/电/询/。//联系/单位/: /重庆市/黔江/区/种子/公司/ / / //  
常/年/求购/废/ (/回/收/) /醋酸/乙/ /、/丁/ /、/混合/ /、/丙酮/、/丁  
酮/、/环己/酮/ 用途/: /生产//全/新/倒/车/雷/达/免/提/安/全/镜/, /融/倒  
车/雷/达/、/车/载/免/提/、/录/放/音/、/防/眩/防/雾/后/视/镜/于/一/体/, /汇  
集/当/今/高/科/技/车/用/电/子/精/华/, /强/势/上/市/。//2/, /4-/二/氟/溴/苯//  
乙/ /乙酸/乙/ /(/美国/99多/种/语言/转换//四/、/产品/销售/: /100苻/基  
三/丁/基/氯化/铵/99 (/一/) /基本/优惠//2. /收/敛/, /涩/肠/石/榴/ (/酸/者/) /味/酸/, /含  
有/按/质/、/生/物/碱/、/熊/果/酸/等/, /有/明/显/的/收/敛/作/用/, /能/够/涩/肠/止  
血/, /加/之/其/具/有/良/好/的/抑/菌/作/用/, /所/以/是/治/疗/痢/疾/、/泄/泻/、/便  
血/及/遗/精/、/脱/肛/等/病/症/的/良/品/。//电/子/邮/箱/: /gaozhaogong@sohu.comangle262@to  
TEL/: /020-8384664783858125//生/命/之/光/青/春/再/造/, /返/老/还/童/不/再/是/梦/想/!!  
“/羊/胎/素/” /风/暴/曾/经/席/卷/全/国/, /令/无/数/商/家/与/消/费/者/切/实/感  
受/到/了/由/此/带/来/的/利/润/与/功/效/, /由/于/种/种/原/因/导/致/ “/羊/胎/素/” /被/全  
面/封/杀/。//然/而/获/得/巨/大/利/润/的/代/理/商/、/美/容/院/, /得/到/切/身/感  
受/的/终/端/消/费/者/均/在/急/切/寻/找/替/代/ “/羊/胎/素/” /的/一/种/高/功  
效/、/高/利/润/的/产/品/。// “/诺/曼/茜/” /干/细/胞/逆/衰/驻/颜/美/容/针/剂/正  
好/填/补/了/这/项/市/场/空/白/, /它/以/高/端/的/技/术/、/完/善/的/产/品/、/高  
档/的/包/装/、/合/理/的/价/位/、/可/靠/的/保/障/迅/速/占/领/全/国/市/场/。//  
茂/名/易/维/科/技/为/客/户/提/供/一/站/式/的/IT/及/网/络/服/务/商/!!/[CN]/ACL/液  
压/折/边/机/ 本/机/械/为/全/钢/板/焊/接/结/构/, /经/振/动/时/效/, /保/证/强  
度/高/, /变/形/量/小/, /操/作/方/便/, /机/床/能/耗/低/经/久/耐/用/。//本/机  
械/为/全/液/压/设/计/, /系/统/宁/静/, /维/修/简/易/, /压/刀/可/分/段/, /适  
合/于/盘/盒/类/工/件/制/作/, /开/口/高/度/达/200m/m/上/压/刀/可/自/动/调  
整/高/度/, /工/作/角/度/可/快/速/调/校/, /特/别/适/合/橱/具/、/五/金/、/家  
具/等/加/工/业/。//防/爆/波/阀/门/用途/: /贸易//通/径/: /15-300m/m/[CN]/臭  
氧/负/离/子/消/毒/清/新/机/, /灭/菌/增/氧/机/等/ 我/司/是/一/家/专/业/生  
产/供/应/家/用/型/03/多/功/能/灭/菌/机/、/ “/车/净/宝/” /臭/氧/除/味/灭/菌/机/、/ “/厨/净/宝/”

氧/灭菌/机/、 / “/护/阴/宝/” /03/灭菌/洁/阴/护理/仪/、 / “/绿森林/” /臭氧/负离子/消毒/清新/机/、 / “/鱼/护士/” /灭菌/增/氧/机/等/六/大/系列/九/大/品种/产品/企业/。 /产品/横跨/消毒/、 /保健/、 /酒店/、 /小家电/、 /厨卫/、 /汽车/美容/、 /水/处理/、 /医疗/器械/等/八/大/行业/， /形成/强有力/的/产品/扇形/分布/， /以/技术/的/高/起点/、 /品种/的/系列化/形成/自己/独有/的/核心/竞争力/。 /与此同时/， /我们/也/热忱/欢迎/广大/客户/朋友们/与/我们/联系/洽谈/， /共谋/发展/， /共创/繁荣/。 /备注:/东莞/营销/网/主要/业务/： //就/被/评/库/省优/、 /部优/、 /有/两/个/产品/还/获得/国家/金质/奖/和/银质/奖/章/、 /原/国//在/体育场馆/、 /桥梁/道路/、 /建筑/外/檐/、 /园林/景观/、 /文化/娱乐/等/领域/的/照明/工程/进行/了/设计/施工/， /在/客户/中/享有/很/高/的/信誉/。 //我/公司/生产/的/智能/照明/系统/获得/国家/专利/， /具有/手/控/、 /遥控/、 /集中/控制/、 /定时/控制/、 /场景/控制/、 /远程/控制/等/十/大/功能/。 /无论/您/在/哪里/， /家中/的/电灯/和/电器/都/在/您/的/掌控/之中/。 /安装/简单/、 /价格/合理/。 /适合/大举/进入/楼盘/、 /小区/及/居民/家庭/。 /市场/前景/十分/广阔/。 //汽车/水泵/总/成/和/配件/系列/ 浙江/黄河/机电/设备/有限公司/企业/简介/浙江/黄河/机电/设备/有限公司/创办/于/1987年/， /以/人/为/本/， /以/市场/为/导向/， /重视/新/产品/开发/和/科技/投入/， /运用/现代/企业/管理/模式/进行/操作/， /使/企业/始终/处于/行业/领先/地位/， /公司/特/委托/台湾/著名/管理/专家/指导/管理/， /率先/通过/ISO9002/国际/质量/体系/认证/以及/汽车/行业/美国/标准/QS9000/质量/体系/和/UL/安全/认证/。 /公司/拥有/一/支/高素质/的/管理/队伍/， /以/顾客/满意/为/企业/的/经营/方针/， /以/用户/是/“/上帝/” /为/企业/的/座右铭/， /以/敬业/务实/、 /求/质/创优/为/企业/精神/， /视/产品/质量/和/商业/信誉/为/企业/第一/生命/， /不断地/进行/改进/和/完善/， /为/用户/提供/可靠/的/品质/和/信誉/保证/。 /产品/除/配套/国内/主要/整车/厂家/（如：/一汽/集团/、 /二汽/集团/、 /上汽/集团/、 /南汽/集团/、 /厦门/金龙/、 /轻骑/集团/、 /广汽/集团/、 /广东/天马/、 /天海/集团/） /外/， /还/大量/出口/美国/、 /法国/、 /日本/、 /意大利/、 /台湾/、 /香港/等/国家/和/地区/， /深受/顾客/青睐/和/好评/。 /主



要/产品/有/：/汽车/插/接/件/(塑料/护/套/和/端子)/系列/、/汽车/水泵/总/成/和/配  
件/系列/、/汽车/发电机/和/起动/电机/铝/端/盖/及/皮带轮/、/汽车/线/束/总  
成/、/汽车/配电/盒/、/汽车/灯座/总成/、/摩托车/开/关/把/座/总成/、/电  
子/元器件/等/。/浙江/黄河/机电/设备/有限公司/HuangheElectromechanicsCo./、/Ltd./、/Zhejiang  
址/：/温州市/磐石/镇/工业区/邮编/(pc)/：/325602/ADD/：/PanshiTown/、/IndustrialZone/、/  
话/（/Tel/）/：/0086-577-62841699628455196288288662871699/传真/（/FAX/）/：/0086-  
577-6284909962871357/网/址/(Http)/：//www.honha.com/电子/邮件/(E-  
mail)/：/webmaster@honha.com/总经理/(GeneralManagcr)/：/陈德岳/（/ChenDeYue/）/E-  
mail:/hhcdy@yeah.net/手机/(M.T)/：/013806607189/电话/（/Tel/）/：/0086-  
577-62848950/ 邮政编码/：/213116/ 工业/萘/、/煤/沥青/混凝土/减/水/剂//  
联系/电话/：/577-62560699// 美/白/牙// 您/好/：// 对/夹/式/止回阀/用途/：/贸  
易// 对/异/丙/基/苯甲酸/99.0NH<sub>2</sub>-Arg-H/ 用途/：/出口// 广泛/用于/：/海  
关/、/机场/、/码头/、/车站/、/学校/、/工厂/、/部队/、/会堂/、/影院/等/公  
共场所/。// 邮 政 编 码/：/710065// E-mail/：/kao.shen888@msa.hinet.net/  
info@maxtrust.biz/ 坩埚/金属/熔剂/耐火材料/陶瓷/滤/板/耐火/纤维/糊/耐  
火/纤维/系列/相关/产品/高温/涂/模/剂/炉/用/涂/模/剂/测/温/棒/及/陶瓷/保  
护/管/流/道/红土/塞/头/锌//铝合金/冶金/原料/及/相关/产品// 无/水/喷  
嘴/99地址/：/深圳市/罗湖区/红桂路/1029/天/元/大厦/8/H/ pcb/生产/制  
作/ 深圳市/恒/诺/达/电子/有限公司/是/一/家/专业/生产/单./双/面/及/多/层/（/4-  
8/）/印制/电路板/的/大型/厂家/，/并/提供/设计/、/生产/和/技术/咨询/等/方  
面/的/服务/。/可/承接/间距/（/线/距/）/0.10M/M/，/最/小/孔径/为/0.35M/M/的/高/精  
度/生产/。/ 环/己/胺/99>90/邻/氯/氰/苄/ 电站/用/调节阀/ 通/径/：/15-  
50m/m/ 图片/见/：/http://syty0830.5322.cn/(因/全息/图/无法/以/照片/拍/出/立  
体/3/维/，/故/以/实物/为主/) //（/二/）/、/受理// 1/，/4-/二/氧/六/环/年  
产/5000/吨/苯/乙酸/乙/ /苯基/丙/二/酸/二/乙/ /乙/基/丙/二/酸/二/乙/ /苯  
基/乙/基/丙/二/酸/二/乙/ / 工厂/现货/，/价格/面议/，/服务/完善/ 电  
脑/轿车/及/数码/产品/优惠/50功能/简介/：//它/有/以下/特点/：//gt/;gt/;我/公  
司/产品/包括/磁性/材料/：/等/方/性/铁氧体/永/磁/、/干/压/、/湿/压/异/方/性/铁  
氧体/永/磁/、/锰/锌/、/镍/锌/铁氧体/软/磁/、/粘结/钕铁硼/永/磁/、/橡

胶/铁氧体/永/磁/、/铁/铜/基/粉末/冶金/零件/。/适用/各种/微/电机/、/变  
 压器/、/文具/、/吸力/器/、/家电/、/办公/自动化/设备/、/风扇/、/洗  
 衣机/、/玩具/、/搅拌机/等/。/陈科群// 弹/丝/ 邓亚萍/ 而/成/。/用  
 于/干燥剂/、/脱水剂/、/沉淀剂/、/氯化/钙/水溶液/还/是/重要/的/制  
 冷// 产品/特性/：/将/本/品/直接/喷洒/于/电脑/、/家用电器/上/，/轻  
 轻/擦拭/外壳/、/显示/屏幕/、/数字/按键/，/即/喷/、/即/擦/、/即/净/，/无/需/过/水/。/防/老  
 化/、/延长/使用/寿命/、/无/任何/腐蚀性/。/是/新颖/的/环保/型/清洁/保  
 养/液/。/一/、/镀锌铁/丝/：// 弹性/织物/ 备注：// 纯棉/与/涤棉/坯布/  
 我/公司/常年/生产/涤棉/及/纯/棉/面料/和/定/织/纯/竹/纤维/平/布/、/竹/纤  
 维/斜纹布/、/竹/纤维/和/棉/混纺/面料/、/天/丝/纯/面料/和/天/丝/与/棉/混  
 纺/面料/、/细/旦/涤纶/面料/有/：/与/莫代尔/纱/交织/面料/、/在/本/工业/园  
 区/内/对/投资/于/生产/性/项目/，/基础/设施/项目/，/高新技术/和/现  
 代/农业/项目/，/经营/期/在/十/年/以上/的/外商/投资/企业/，/从/其/获  
 利/年度/起/，/可享受/企业/所得税/“五/免/五/减半/”/的/优惠/。/被/认  
 定/为/外商/投资/的/高新技术/和/现代/农业/项目/，/经营/期/在/十五/年/以  
 上/的/，/在/享受/前述/政策/后/，/十一/年/至/十五/年/企业/缴纳/的/所  
 得税/，/按/县/得/部分/的/302：/语音/COB/、/音乐/COB/、/闪/灯/COB/、/音  
 乐/COB/、/玩具/类/玩具/COB/ 传真/：/0769-2982297// 芳炆/增/塑/剂//  
 Email:/jkpliusheng/深圳市/金凯/鹏/电子/有限公司//叔/丁醇/99.90<http://www.yurentech.com>  
 商琪/！// 2001年/，/浙江省/文明/镇// 七星/ZB/系列/胶体/泵/、/又/称/罗  
 茨/泵/、/不/锈/钢/转/子/泵/、/凸/轮/泵/、/万/用/输/送/泵/、/酵/母/泵/、/蝴  
 蝶/泵/、/三/叶/泵/、/鞋/底/泵/、/药/料/泵/、/热/溶/胶/体/泵/、/颗/粒/胶/体/泵/、/渣/料/泵/、/蛋  
 白/渣/泵/、/高/浓/浆/泵/等/，/广/泛/应/用/于/食品/、/饮/料/、/化/工/、/医  
 药/等/行业/。/由于/该/泵/的/转/子/形/状/较/为/特/殊/而/精/度/要/求/又/很/高/，/故/国  
 内/少/有/成/功/制/造/的/厂/家/，/众/多/的/用/户/只/能/购/买/进/口/设/备/。/为/改  
 变/此/不/良/局/面/，/我/公/司/组/织/技/术/人/员/攻/关/，/用/C/语/言/编/制/了/转  
 子/曲/线/设/计/程/序/并/输/入/加/工/中/心/进/行/精/密/加/工/，/从/而/确/保/了/该/泵/关  
 键/零/件/的/高/精/密/要/求/以/及/严/格/的/一/致/性/要/求/。//汽车/插/接/件/(塑  
 料/护/套/和/端/子)/系列/ 浙江/黄河/机/电/设/备/有/限/公/司/企/业/简/介/浙



江/黄河/机电/设备/有限公司/创办/于/1987年/, /以/人/为/本/, /以/市场/为/导向/, /重视/新/产品/开发/和/科技/投入/, /运用/现代/企业/管理/模式/进行/操作/, /使/企业/始终/处于/行业/领先/地位/, /公司/特/委托/台湾/著名/管理/专家/指导/管理/, /率先/通过/ISO9002/国际/质量/体系/认证/以及/汽车/行业/美国/标准/QS9000/质量/体系/和/UL/安全/认证/. /公司/拥有/一/支/高素质/的/管理/队伍/, /以/顾客/满意/为/企业/的/经营/方针/, /以/用户/是/“上帝”/为/企业/的/座右铭/, /以/敬业/务实/、/求/质/创优/为/企业/精神/, /视/产品/质量/和/商业/信誉/为/企业/第一/生命/, /不断地/进行/改进/和/完善/, /为用户/提供/可靠/的/品质/和/信誉/保证/. /产品/除/配套/国内/主要/整车/厂家/（如：/一汽/集团/、/二汽/集团/、/上汽/集团/、/南汽/集团/、/厦门/金龙/、/轻骑/集团/、/广汽/集团/、/广东/天马/、/天海/集团/）/外/, /还/大量/出口/美国/、/法国/、/日本/、/意大利/、/台湾/、/香港/等/国家/和/地区/, /深受/顾客/青睐/和/好评/. /主要产品/有/：/汽车/插/接/件/（塑料/护/套/和/端子/）/系列/、/汽车/水泵/总/成/和/配件/系列/、/汽车/发电机/和/起动/电机/铝/端/盖/及/皮带轮/、/汽车/线/束/总成/、/汽车/配电/盒/、/汽车/灯座/总成/, /摩托车/开/关/把/座/总成/、/电子/元器件/等/. /浙江/黄河/机电/设备/有限公司/HuangheElectromechanicsCo./,Ltd./,Zhejiang  
址：/温州/市/磐石/镇/工业区/邮编/（pc）/：/325602/ADD/：/PanshiTown/,IndustrialZone/,  
话/（Tel）/：/0086-577-62841699628455196288288662871699/传真/（FAX）/：/0086-577-6284909962871357/网/址/（Http）/：//www.honha.com/电子/邮件/（E-mail）/：/webmaster@honha.com/总经理/（GeneralManagcr）/：/陈德岳/（ChenDeYue）/E-mail/：/hhcdy@yeah.net/手机/（M.T）/：/013806607189/电话/（Tel）/：/0086-577-62848950/ 脂肪/醇/C12 14/马来/ 上海/元/越/化工/有限公司/.021-.52827579.52806095/质量/保证/,量/大/价格/优惠/./全国各地/,可/代办/托运/./MOBILE/：/13537315116//L-/苏/氨/酸/AH97//VSP24/上海/氯/乙酸/甲/ /99020-83838915/潘铭辉/E-mail/：/suifeng.co@126.com/为/一体/的/综合/型/企业/. /在/奉/贤/, /南汇/, /松江/等/工业/园区/及/江浙/一带/均//印/机/,/传真机/用/完/的/空/墨盒/,/空/硒/鼓/,/空/碳/粉盒/./././（hplexmark/雾/粒/大/小/可/调/, /无/冷凝/水// 地址：/河北/邢台市/南宫/市/南海/大

街/170/号// 交货/地点/:/东莞// 酸性/媒介/黑/17// 网址/ : /<http://www.hm-info.com/> 10./UHM-FB/ ( /侧/装/伴/热/式/ ) /翻/柱/液/位/计//8-20/天/祛/风/克/湿/, /活/血/通  
寒/造成/的/所有/的/疼/、/酸/、/麻/、/僵/、/胀/等/风湿/顽疾/彻底/痊愈/, /长  
期/服用/能/壮/骨/盈/肾/、/醒/脑/补/脑/。//不干胶/商标//二/甲苯/磺/酸/钠/95供/各  
种/大理石/、/花岗石/板材/、/异型/材/本/厂/产品/主要/用于/高级/办  
公/写字楼/、/豪华/酒店/、/宾馆/及/高级/住宅楼/的/内/外/墙/、/地面/、/卫  
生间/的/装潢/, /远销/东南亚/、/港澳/等/国家/与/地区/。/信誉/第一/、/用  
户/至上/是/我们/的/办厂/宗旨/, /我厂/热诚/欢迎/国内外/客商/光临/本/厂/, /洽  
谈/业务/, /投资/合作/, /共同/发展/。/13/XH-206/型/高/熔点/专用/蜡/100/  
11010500/ 北京市/朝阳区/亚运村/安/慧东里/15/号/楼/新都/家/化工  
部/还/把/我/厂/的/产品/标准/定/为/国家/行业/标准/, /工厂/被/国家/授  
予/质//异/佛尔/酮/二/胺//99.80氟/塑料/器皿/具有/耐/高/低温/、/耐酸/碱/腐  
蚀/、/耐/有机/溶剂/、/高/纯/无毒/、/不易/破碎/等/优异/性能/; /该/产  
品/可/替代/价格/昂贵/易碎/的/石英/器皿/。//happy790@163.com/ 壳/聚/糖/山/梨/酸/钾/山/季  
专业/甲壳/素/系列/产品/生产商/。/壳/聚/糖/, /水溶性/壳/聚/糖/, /壳/寡/糖/。/  
醋酸/异/戊/ //98供应/空气/清香/剂/ 产品/名称/:/清香/剂//烯唑/醇/是/具  
有/保护/、/治疗/和/内/吸/作用/的/广/谱/杀菌/剂/, /能/有效/的/防治/由/白  
粉病/菌/、/锈病/菌/、/黑粉病/菌/、//颜色/: //感应/气体/: /煤气/、/天  
然气/、/液化/石油气// 价格/: /3/, /7万/有/需求/者/请/与/我/司/联系//  
包装/规格/: /编织/袋/内/衬/P V C/包装/, /净重/40k/g//袋/( /或/25k/g//袋/ )/, /户/要  
求/生//有意/此/产品/的/公司/请/致电/上海/朗雅/国际/商贸/有限公司/牛/小  
姐/。// 笔记/本//恒/科/电子/工业/通用/材料/通用/产品/ 主要/开发/生  
产/销售/代理/电子/工业/通用/产品/及/通用/材料/: //灯/条/ 求购/复  
合/涂层/机/我/公司/现/急需/一/台/复合/涂层/机/, /但/必须/是/台湾/或/意  
大利/生产/的/, /请/有/意向/的/商/家/将/具体/规格/和/价格/报/与/我们/。/谢  
谢/合作/! / [CN/]60/W/胶/枪/ 我厂/专业/从事/热/熔/胶/枪/, /产品/规  
格/多达/20/多/个/, /100CASNo./10526-07-5/对/乙/ 氨基/酚/ 产品/标  
准/://日/用/化工/我们/是/山西/金/兰/化工/有限公司/, /我们/供/硝酸/钡/硝  
酸/镁/硝酸/锶/, /草莓/酸/香料/级/上海/产/./ 产品/标准/://大量/供应/球/墨/铸/铁

管/及其/配件/ 产品/名称:/球/墨/铸/铁管// 东芝/T9000DVD/¥/8.500//  
 灯芯绒/ 醋酸/叔/丁/ //99导/染/剂/ 氯/噻/酮// USP24/ 上海/产/./氯/乙/腈//  
 991/、/特有/的/活/化/、/净/水/、/抗/菌/功能/、/优质/的/杯/体/及/时尚/的/款  
 式/使/您/更/好/的/去/开发/新/的/客/户/。//acidyellow73/(/水/溶/性/荧/光/黄/)/acidyellow44/(/酸  
 性/黄/6G/)/ 我/厂/是/一/家/专/业/生/产/羽/毛/球/拍/、/网/球/拍/、/乒/乓/球  
 拍/及/配/套/产/品/的/厂/家/，/质/量/过/硬/，/价/格/具/有/竞/争/力/，/品/牌/有/ “/劳  
 埃/泰/、/圣/火/” /等/，/并/可/按/客/户/要/求/来/样/加/工/，/望/广/大/客/户/竭  
 诚/惠/顾/。/ 供/应/氯/乙/ /氯/ 产/品/名/称:/氯/乙/ /氯// 胶/粘/剂/ 汽  
 车/内/饰/件/胶/粘/剂/：/真/空/吸/附/成/型/胶/粘/剂/（/ABS//PVC/、/PE/软/泡/、/PP/软/泡/；  
 料/粘/合/剂/（/PP//不/织/布/、/面/料/、/人/造/革/等/）/；/地/毯/用/热/熔/胶/、/顶  
 棚/用/热/熔/胶/、/胶/膜/等/L-/苯/丙/氨/酸/ 产/品/标/准:/ 网/址/：/www.fz.chem.cn/  
 速/灭/虫// 祝/商/琪/!// 车/床/CA6250\*1500/已/售/(/图/)/ 产/品/名/称:/车/床/CA6250\*1500/  
 装/运/目/的/地:/江/苏/省/常/熟// 没/食/子/酸/丙/ / 产/品/标/准:/各/种/标  
 准// 二/氧/化/硒// 联/系/人/：/孙/经/理/王/经/理// 邮/政/编/码:/518028// 磺/化  
 酞/菁/钴/ 甲/氧/基/乙/酸/99绞/肉/机/（/全/不/锈/钢/）/(/图/)/ 产/品/名/称:/绞  
 肉/机// )/公/分/、/普/通/胶/木/柄/炒/锅/、/平/锅/（/28/、/30/、// 1/、/四/行/中  
 文/显/示/电/磁/流/量/计/转/换/器/、/（/显/示/1/、/瞬/时/流/量/计/，/2/、/累  
 计/流/量/，/3/、/正/反/向/流/，/4/、/时/钟/及/报/警/./输/出/：/rs485/、/频  
 率/输/出/、/小/信/号/输/出/、/累/计/阀/值/输/出/、/脉/冲/输/出/等/）// 加/湿/机/  
 一/；/离/心/式// 采/用/科/学/的/工/艺/—/真/空/低/温/浓/缩/，/保/持/了/蜂/蜜/的/营  
 养/和/活/性/成/分/。// 请/有/联/系/：/pine@21Life.com/ 我/们/是/衡/水/燕  
 赵/双/利/化/工/有/限/公/司/，/我/们/供/三/元/乙/丙/胶/，/3760/、/47085/，/hsfh168@sohu.com/  
 压/力/：/1.6-32M/pa/ 间/二/甲/苯// 黎/芦/醛/99邮/政/编/码:/518115// 通/径/：/40-  
 800m/m/ 邻/氨/基/苯/甲/酸/99悍/马/采/购/服/务/的/经/营/理/念/：/悍/马/公  
 司/将/秉/承/ “/帮/企/业/节/省/每/一/分/钱/” /的/经/营/理/念/，/以/科/学/、/公  
 正/、/诚/信/、/敬/业/的/工/作/态/度/，/充/分/运/用/公/司/的/信/息/资/源/优  
 势/竭/力/为/企/业/采/购/打/造/一/把/可/信/赖/的/价/格/标/尺/，/从/而/全/面/降  
 低/企/业/的/采/购/成/本/，/提/高/采/购/效/率/。// 公/司/始/建/于/90/年/代/，/设  
 备/属/国/内/最/先/进/，/技/术/力/量/雄/厚/。/公/司/有/十/多/年/的/历/史/经

验/, /是/专业/生产/石棉/橡胶/板/、/工业/橡胶/板/、/再生/橡胶/、/各  
 种/石棉/、/无/石棉/纺织/制品/、/各种/盘/根/的/综/台/性/企业/。//地  
 址:/深圳/沙/湾/樟树/布/村//电子/产品/展/架/(图)/产品/名称:/电子/产  
 品/展/架//交货/地点:/上海//产品/产地:/上海/产//企业/闲置/柴油/发  
 电机组/用途:/自/用//水/压/止/回/阀/用途:/贸易//TEL:/0760-13531872929//  
 通信/地址:/深圳市/沙头角/中英街/76/号//用地/面积/1500/亩/, /其  
 中/道路/用地/300/亩/, /公共/绿化/用地/80/亩/。//凯/松/化/妆/品/级/上  
 海/产//上海/元/越/化/工/有/限/公/司//021-.52827579.52806095/质量/保  
 证/, /量/大/价格/优惠/./[全国/各地/, /可/代办/托运/]//网址:/http://www.hanmaxx.com/  
 GKF/系列/全/自动/卧/式/刮/刀/离/心/机/SG/、/SGZ/系列/三/足/式/刮/刀/下  
 部/卸/料/离/心/机/SD/型/系/列/吊/袋/离/心/机/LWL/系/列/螺/旋//筛/网/式/离  
 心/机/LW/型/系/列/卧/式/螺/旋/卸/料/沉/降/离/心/机/http://www.saideli.com/  
 硬脂酸/钙//99网址:/http://www.sz-xcf.com/诚征/代理/(共/创/秀  
 美/山/川)/ (图)/产品/名称:/毛/细/渗/灌/节/水/器//021-52827579/, 52827571/质  
 量/保证/, /量/大/价格/优惠/./[全国/各地/, /可/代办/托运/]//纳米/杯/诚/征/全  
 国/经/销/商/及/礼/品/公/司/合/作/商/(图)/产品/名称:/德惠康/纳/米/杯//  
 供/应/塑/料/包/装/袋/产品/名称:/包/装/袋//正/丁/基/缩/水/甘/油/醚/99胍/基/丙/酸/  
 产/品/标/准:/各/种/规/格//以/优/质/价/廉/的/产/品/, /以/质/量/求/生/存/, /以/服  
 务/求/发/展/, /热/诚/期/望/与/新/老/客/户/密/切/合/作/。/互/惠/互/利/, /共  
 同/发/展/。//[CN]/供应/AA/, AAA/碳/性/干/电/池/供/应/无/汞/, /低/铁/, /低/镉/环  
 保/系/列/AA/, AAA/碳/性/干/电/池/, /如/果/您/有/需/要/, /详/情/请/浏/览/我  
 们/的/网/站/http://www.zhaoneng-battery.com//或者/电/邮/直/接/和/我/们/联  
 系/讯/盘/, /讯/盘/请/注/明/您/的/邮/件/地/址/, /谢/谢/!/ /长/期/求/购/工  
 厂/的/lt;/进口/的/gt;/PVC/边/角/料/我/公/司/长/期/求/购/工/厂/的/lt;/进  
 口/的/gt;/PVC/白/色/边/角/料/, /PVC/透/明/料/, /PVC/文/具/边/角/料/, /PVC/信  
 用/卡/边/角/料/, /PVC/粉/料/./以/及/其/它/PVC/塑/料/产/品/的/废/塑/料/。/。/。/。/。/价  
 格/合/理/, /现/金/交/易/使/用/范/围:/ /食/品/饮/料/类:/ /乳/品/、/乳/胶/、/巧  
 克/力/、/糖/浆/、/乳/酪/、/麦/芽/汁/、/啤/酒/、/汽/水/;/ /水/果/浓/缩/物/;/ /布  
 丁/、/果/酱/、/果/冻/、/番/茄/酱/;/ /糊/类/产/品/;/ /脂/肪/及/油/脂/等/;/ /化

妆品/：/面/霜/、/洗涤剂/、/发型/凝/胶/、/香料/油/等/；/药物/类/：/浸  
 膏/、/乳剂/、/药丸/浆/等/；/化工/工业/：/脂肪/、/溶剂/、/树脂/及/聚  
 合物/、/油/漆/、/颜/料/、/染料/、/涂料/、/润滑/油/、/润滑/脂/、/石油/催  
 化剂/、/沥青/、/胶/粘/剂/、/洗涤剂/、/塑料/、/炸药/、/玻璃/钢/、/皮  
 革/等/；/建筑/工业/：/各种/涂料/。/包括/内/外/墙/涂料/、/防腐/防水/涂  
 料/、/冷/瓷/涂料/、/多彩/涂料/、/陶瓷/釉料/等/；/其它/工业/：/塑料/工  
 业/、/纺织/工业/、/造纸/工业/、/煤炭/浮/选/剂/、/纳米/材料/、/生物/化  
 工/等/行业/。/比如/采购/设备/单位/：/、/苏州/非金属/矿/研究院/、/天  
 津/化工/研究/设计院/、/黑龙江省/化工/研究院/、/南京/医科/大学/、/武  
 汉/化工/学院/、/武汉/理/工/大学/、/海南省/药物/研究所/、/南京/蓝  
 本/科技/研究所/、/河北省/农业/大学/、/昆明/中/友/集团/新/材料/公  
 司/、/浙江/康恩贝/养颜堂/药业/公司/、/深圳/金刚/源/新/材料/科技/发  
 展/公司/、/北海/果香/园/果汁/有限公司/、/江苏/三木/芦/荃/有限公  
 司/、/福/清新/大泽/螺旋藻/有限公司/、/上海/哈勃/化学/技术/有限公  
 司/、/徐州/恩华/药业/集团/、/厦门/古龙/集团/。/香港/沐/林/食品/集  
 团/等/用户/。/给/广大/用户/选购/设备/提供/更/大/空间/和/余地/，/使/设  
 备/资源/得到/充分/利用/。/发/电机/我/公司/需要/买/四/台/国产/400K/W/高  
 速/机/，/请/报价/./电话/./13530872736./一/、/型号/350/以上/，/滚动/轴  
 承/内径/大于/150mm/。//KD-RS/是/一/种/用于/精/、/粗/梳/毛纺/的/高/技  
 术/含量/的/油/剂/。//装/运/目的地/./工厂/库//设计/标准/：/JB/、/GB/、/ANSI/、/BS/、/AF  
 叔/辛/胺/99童/袜//对/小麦/全/蚀/病/、/腥/黑穗病/、/散/黑穗病/及/瓜/类/、/果  
 树/、/蔬菜/、/花卉/等/白粉病/亦/有效/。/亚/硫酸/氢/钠/产品/标准/./工  
 业/级//工业/项目/以/装饰/材料/、/耐火材料/、/木/业/等/为主/。//27/提  
 高/制品/外观/改善/加工/性能/降低/加工/成本//供/建筑/用/遇/水/膨  
 胀/橡胶/条/、/橡胶/圈/供/振动/筛/用/橡胶/球/供/振动/筛/用/橡胶/密封  
 条/供/减/振/弹簧/，/橡胶/弹簧/，/复合/弹簧/普通/卷/材/专用/粘合剂/  
 供/建筑/用/遇/水/膨胀/橡胶/条/、/橡胶/圈/：/10\*15/、/15\*15/、//标  
 志/设计//[CN/]求购/进口/车型/单向/器/(马达/齿轮/)/、/轴承/我/司/国  
 外/客户/欲/于/近期/订购/多种/规格/的/马达/齿/轮/，/且/初次/定/单/数



量/为/1x20/集装箱/,/若/所/报/价格/可/接受/,/待/客户/确认/部分/样品/质量/后/即可/下/单/生产/. /另/有/客户/预购/汽车/轴承/,/型号/为/NISSAN/,/TOYOTA/,/KIA/,/M  
营/此类/产品/的/工厂/尽快/予以/联系/. /联系/人:/金/小姐/ CA6471/解  
放/面包/转向/机/ CA6471/解放/面包/转向/机/ 丙酮/丁/酮/甲 苯/二/甲  
苯/苯乙烯/电/源:/400/X500X170/地址:/ : /济南/经七路/843/号//法/莫/替/丁/  
产品/标准:/ : /86-021-63585018-8064//用途:/ : /与/水/处理/设备/配套/, /用  
于/监测/生产/过程/水/的/电/导/率/数值/及其/变化/. /温度:/ : /-28-150/°C//  
装/运/目的地:/ : /杭州/北//三/唑/酮/[43121-43-3]/包装:/ : /原/药/及/可/湿/性/剂/为/30k/g//袋/  
宣传/支持/ : /广告/范本/、/宣传/资料/、/媒体/广告/宣传//二/氧化/氯/  
产品/标准:/ : /电话:/ : /0519-8734388-804//温度:/ : /-29-120/°C//供/应/动  
物/蛋白/水解/复合/酶/产品/名称:/ : /动物/蛋白/水解/复合/酶//粉/状/活/性  
炭//张/清/发/邻/基/苯/乙/酮/产品/标准:/ : /脉冲/超/细/干/粉/自动/灭  
火/装置/最/大/的/特点/是/对/关键/设施/、/易燃/易爆/物品/进行/全/天  
候/自动/监控/, /一旦/起/火/就/自动/脉冲/喷射/, /在/1秒/钟/内/对/火  
源/喷射/出/超/细/干/粉/灭/火/剂/灭/火/, /达/到/“瞬/间/启/动/, /一/秒/灭  
火/”/的/理/想/效/果/. /该/产/品/主/要/应/用/在/ : /发/动/机/舱/、/机/电/柜/、/电  
缆/沟/、/化/工/厂/、/油/库/及/无/人/值/守/的/仓/库/等/重/要/部/位/. /其/灭  
火/效/力/是/“哈/龙/”/灭/火/技/术/的/3/倍/、/“哈/龙/”/替/代/气/体/灭  
火/技/术/的/7/倍/, /体/现/了/国/际/消/防/界/“快/速/响/应/、/早/期/抑/制/、/高  
效/灭/火/、/生/态/环/保/”/的/新/趋/势/. /该/产/品/在/消/防/市/场/上/具/有/很/强/的/市  
场/竞/争/优/势/, /具/体/表/现/为/ : /适/用/范/围/广/、/灭/火/效/率/高/、/价  
格/低/廉/、/安/装/维/护/简/单/等/特/点/. /价/格/面/意/！/望/有/货/者/请/速/与/我  
们/联/系/. //我/公/司/的/成/套/设/备/包/括/ : /吹/膜/机/、/制/袋/机/、/印  
刷/机/、/冲/口/机/等/设/备/. /机/组/广/泛/应/用/于/生/产/各/种/规/格/背/心/袋/、/食  
品/袋/、/以/及/服/装/、/纺/织/品/、/日/用/品/等/民/用/品/和/工/业/品/的/包  
装/. /椰/子/油/酸/产/品/标/准:/ : /精/炼/级//Quantity:/ : /1000/tons//month/弹/力/丝/机/  
二/手/原/装/IBM/移/动/PC/仅/售/799/元/(图/)产/品/名/称:/ : /IBM/移/动/PC/  
充/电/灭/蚊/拍/充/电/式/电/子/灭/蚊/拍/, /使/用/两/只/可/充/电/优/质/大/容  
量/电/池/(电/池/可/充/电/次/数/高/达/600/次)/。/利/用/两/只/电/池/,/通

过/电子/线路/升压/产生/功率/极/小/的/瞬间/高压/,/将/蚊/虫/击/毙/。 /  
 紧急/求购/ROLLORCUTTTER/(/图/)/Description/:// vip@gentel.com.cn/  
 公司/传真/: /0371-4367881//还原铁/粉/120/目/上海/产./ /上海/元/越/化  
 工/有限公司./ /021-.52827579.52806095/质量/保证/,/量/大/价格/优惠./ /全  
 国/各地/,/可/代办/托运/]/./会/打/字/, /就/会/建/网站/!/您/好/:// [CN]/电  
 子/智能/报警器/我/公司/供应/多/种/样式/电子/智能/报警器/, /只/须/将/其/挂/于/门/边/, /-  
 动/, /马上/鸣响/。 /邻/乙/氧/基/苯/甲/ /肼/99价格/全国/最/优/欢迎/各/大/礼  
 品/批发/公司/洽谈/经销/。 /三/唑/醇/[55219-65-3]/包装/: /原药及/15邮  
 政编码/: /523120/34401/A/价格/为/8000/元/, /33120/A/为/13000/元/, /我/公  
 司/提供/三/年/质/保/。 //从事/适应/现代/工业/需要/特殊/高/难度/、/高/要  
 求/环境/测/温/仪表/的/研制/、/开发/、//温度/: /常温// “/北/台/牌/” /球/墨/铸/铁  
 管/采用/低/硫/、/低/磷/、/低/有害/元素/具有/ “/人/参/铁/” /美/称/的/优  
 质/高/炉/铁/水/为/原料/, /采用/高/炉/ /工/频/炉/双/联/节能/新/工艺/, /产  
 品/全面/执行/国际/标准/、/国外/先进/标准/或/与/国际/标准/等同/的/国  
 家/标准/, /即/ISO2531//ISO4179//ISO8179//GB13295/标准/, /并/于/1997年/4  
 月/通过/了/中国/冶金/工业/质量/体系/认证/中心/ISO9002/质量/保证/体  
 系/及/产/品/质/量/认/证/, /1996年/7月/通过/了/瑞/士/SGS/国际/质量/认  
 证/。 /再/生/塑/料/A B S/本/公/司/自/主/生/产/再/生/塑/料/A B S/系  
 列/. /有/各/色/, /有/增/强/, /阻/燃/等/. /质/量/稳/定/, /长/期/供/应/. /欢  
 迎/咨/询/18/XH-208/型/特/种/专/用/蜡/85/958700/高/效/内/吸/杀/菌/剂/,/防  
 治/小/麦/锈/病/,/白/粉/病/,/玉/米/,/高/粱/黑/穗/病/,/玉/米/圆/病/等/。 //汽/动/滑  
 板/车/(/图/)/产/品/名/称/:/太/子/车//求/购/各/种/蜡/烛/及/烛/台/我/公/司/应/客  
 户/要/求/现/需/求/各/种/蜡/烛/和/烛/台/, /请/有/生/产/的/工/厂/和/我/联/系//  
 装/运/目/的/地/:/天/津//上/海// Sizes/:// 弹/力/锦/棉/绸/长/裤/我/厂/长/年/需  
 求/ 气/瓶// 联/系/人/:/谢/小/姐// 弹/力/绉/低/弹/牛/津/布/78/T/ 使/用/范  
 围/: /食/品/饮/料/类/: /乳/品/、/乳/胶/、/巧/克/力/、/糖/浆/、/乳/酪/、/麦  
 芽/汁/、/啤/酒/、/汽/水/; /水/果/浓/缩/物/: /布/丁/、/果/酱/、/果/冻/、/番  
 茄/酱/; /糊/类/产/品/: /脂/肪/及/油/脂/等/; /化/妆/品/: /面/霜/、/洗/涤/剂/、/发  
 型/凝/胶/、/香/料/油/等/; /药/物/类/: /浸/膏/、/乳/剂/、/药/丸/浆/等/; /化



工/工业/：/脂肪/、/溶剂/、/树脂/及/聚合物/、/油/漆/、/颜/料/、/染料/、/涂  
料/、/润滑/油/、/润滑/脂/、/石油/催化/剂/、/沥青/、/胶/粘/剂/、/洗/涤  
剂/、/塑料/、/炸/药/、/玻/璃/钢/、/皮/革/等/；/建筑/工业/：/各种/涂/料/。/包  
括/内/外/墙/涂/料/、/防/腐/防/水/涂/料/、/冷/瓷/涂/料/、/多/彩/涂/料/、/陶  
瓷/釉/料/等/；/其它/工业/：/塑/料/工业/、/纺/织/工业/、/造/纸/工业/、/煤  
炭/浮/选/剂/、/纳/米/材/料/、/生/物/化/工/等/行/业/。/比/如/采/购/设/备/单  
位/：/、/苏/州/非/金/属/矿/研/究/院/、/天/津/化/工/研/究/设/计/院/、/黑/龙/江  
省/化/工/研/究/院/、/南/京/医/科/大/学/、/武/汉/化/工/学/院/、/武/汉/理/工/大  
学/、/海/南/省/药/物/研/究/所/、/南/京/蓝/本/科/技/研/究/所/、/河/北/省/农  
业/大/学/、/昆/明/中/友/集/团/新/材/料/公/司/、/浙/江/康/恩/贝/养/颜/堂/药  
业/公/司/、/深/圳/金/刚/源/新/材/料/科/技/发/展/公/司/、/北/海/果/香/园/果  
汁/有/限/公/司/、/江/苏/三/木/芦/荟/有/限/公/司/、/福/清/新/大/泽/螺/旋/藻/有  
限/公/司/、/上/海/哈/勃/化/学/技/术/有/限/公/司/、/徐/州/恩/华/药/业/集/团/、/厦  
门/古/龙/集/团/。/香/港/沐/林/食/品/集/团/等/用/户/。/给/广/大/用/户/选/购/设  
备/提/供/更/大/空/间/和/余/地/，/使/设/备/资/源/得/到/充/分/利/用/。/外/形/尺  
寸/mm/：/250×170×180//合/作/是/我/们/的/纽/带/，/真/诚/是/我/们/的/基  
础/，/发/展/是/我/们/的/目/标/。//<http://www.cnhfl.com/> 急/需/：/丝/光/棉/，/麻/棉/，/哑/光/  
产/品/名/称/：/30/S//2/丝/光/棉/，/麻/棉/16/S//2/，/24/S/ 供/15g/注/塑/机/上/用/的/时  
间/继/电/器/[CN]/ACL/力/丰/共/板/式/法/兰/系/统/是/在/插/接/式/法/兰/系  
统/基/础/上/开/发/的/一/种/新/系/统/，/它/具/有/成/本/低/、/密/封/好/的/特  
点/，/可/用/于/工/厂/大/规/模/工/业/化/生/产/，/是/一/种/高/效/率/化/的/风/管/法  
兰/系/统/全/新/设/计/，/可/变/法/兰/高/度/的/全/能/TFJ/法/兰/机/。/与/辘/骨/机/，/剪/角/，/压/角  
合/可/形/成/全/自/动/化/的/生/产/线/，/亦/可/分/组/带/机/械/到/现/场/施/工/，/其/中/可/变  
法/兰/高/度/的/全/能/辘/骨/机/为/最/新/设/计/，/非/常/适/合/目/前/国/内/施  
工/企/业/的/需/要/。/E-mail/：/ssou8160@bigpond.net.au/ 邮/政/编/码/：/518112//  
99电/动/O/型/球/阀/通/径/：/15-400m/m/ 求/购/goetze/活/塞/环/我/司/急  
需/如/下/活/塞/环/：/1/)/OM352//31497/x3/+3+5/,/5+5/,/5m/mGoetzeref.no./08-  
174307-102/)/OM421//422//423//447/h128x3/+3+4m/mGoetzeref.no./08-181700-  
003/)/OM401//402//409125/x3/+3+6m/mGoetzeref.no./08176800-10/请/问/贵/司/有/没/有/现

货/或者/是/能否/生产/,/如/可以/的话/,/请/报/最近/的/FOB/港口/价/,/样品/图片/,/包装/方式/,/付款/方式/,/及其/装箱/量/,/等/其他/相关/的/详细信息/!// 一路/发/-/网上/配/货/真/简单/!/ 网址:/http://www.today-silicone.com/[CN]/供应/洗/头/床/, /镜台/, /收银/台/, /等候/椅/联/兴/美容/椅/业/厂/专业/生产/供应/各种/洗/头/床/, /等候/椅/, /油压/椅/, /镜台/, /美容/美发/椅/, /师傅/椅/, /收银/台/, /椅/脚/等/美容院/家具/, /详情/请/浏览/我们/的网站/或者/直接/电/邮/和/我们/讯/盘/,/讯/盘/请/注明/您/的/邮件/地址/, /谢谢/!/ 传真:/28866428// 办公/用品/——/质/优/价/低/,/服务/周到/广州市/雅/登/文具/有限公司/成立/于/1994年/9月/, /是/中国/比较/领先/的/网上/商务/采购/服务/商/, /经营/范围/包括/办公室/仪器/、/财务/会计/用品/、/测绘/及/美术/用品/、/订/装/票夹/文具/、/改错/用品/、/剪裁/刀具/用品/、/计算机/用品/、/名/笔/系列/、/文件/管理/用品/、/印章/用品/、/纸制品/、/一般/办公/用品/、/办公室/家/俱/、/办公/机器/耗材/、/分类/整理/用品/、/装订/用品/、/机器/用/纸/、/小/器具/类/、/展示/用品/等/。// 三/次/元/振动/筛/分/过滤/机/超声波/振动/筛/直线/筛/试验/筛/振动/电机/ 三圆堂/机械/公司/目前/有/: /SY/系列/的/三/次/元/振动/筛/分/ /过滤/机/、/直线// 金/银/卡/酒/盒/、/化妆品/盒/、/药物/药品/盒/、/中秋/月饼/盒/、/礼品/盒/、/各种/包装/彩/盒/、/坑/纸盒/、/吸/塑/卡/、/笔记本// Outerpacking/:/6/sets//carton/ XG-1/高效/脱/硫/剂// 2/、/两/行/中文/显示/智能/电磁/流量计/转换器/, /显示/: /瞬时/流量/、/累计/流量/, /输出/: /4-20m/A/、/1-2K/HZ/ “/德惠康/” /纳米/功能/杯/以/其/特有的/活/化/、/净水/功能/、/优质/的/杯/体/及/时尚/的/款式/、/合理/的/价格/, /成为/节庆/、/公关/、/促销/、/走访/、/探/友/的/首选/礼品/并/与/多/家/礼品/公司/有着/良好/的/合作/关系/。// 硫酸铜/96.0我们/是/上海/浪涛/光电/科技/有限公司/河南/办事处// 弹/力/亚麻/棉/ 珠海市/前/山/福溪/工业区/H01/ 语音/拨号// 供应/汽车/报警器/系列/,/信号/灯/系列/,/保险/丝/,/汽车/变速杆/系列/,/汽车/天线/,/开/关/,/手/柄/ 金钟/公司/地处/国家级/高新技术/开发/区/内/。/现有/电子/、/注塑/、/冲压/、/模具/制造/分厂/, /厂房/总面积/达/3000/多/平方米/, /主要/生产/汽车/电子/高

新技术/产品/, /所/生产/的/汽车/VCD/解码器/、/倒车/雷达/。/汽车/防盗器/, /报警器/等/系列/产品/, /备受/客商/青睐/, /均/远销/亚/、/非/、/欧/、/美/对/小麦/、/玉米/、/高粱/上/黑穗病/、/白粉病/、/锈病/、/条纹/病/等/防/效/十分/显著/。/ 高性能/和/高/可靠性// 供/消毒/柜/ 产品/名称:/消毒/柜// <http://www.broadadditives.com/> 生产/甾/体/激素类/原料药/及/中间/体/, /是/北京/紫竹/药业/有限公司/的/下属/子公司/。/产品/质量/、/价格/以及/信誉/都/很/好/。/准确/度/:  $\pm 2.6$ 。/风机/盘/管// 地址:/江苏/徐州/西/三环//[CN]/WYK/硅/整流/直流/稳/压电/源/性能/特点/: /★/稳/压/稳/流/可/连续/调节/, /使用/方便/; /★/串联/二/次/予/稳/压/设计/, /提高/整机/工作/效率/; /★/管道/式/循环/散热/设计/, /整机/温/升/低/, /产品/寿命/长/; /★/功率/器件/不/外露/, /不/会/意外/损坏/设备/; /★/过/流/、/过/压/、/短路/、/过/热/全方位/保护/, /安全/可靠/; /主要/应用/: /★/直流/电机/的/调试/、/老化/; /蓄/电池/充/电/和/类似/反/电/势/的/负载/; /★/适用/于/电解/食盐/、/电解/镁/等/说明书/解/行业/; /★/石墨/炉/加热/的/直流/电源/; /★/电镀/加工/和/对/金属/及/非金属/制品/进行/表面/处理/、/阳极/氧化/等/; /★/用于/电泳/漆/及/其它/需要/直流/大功率/电源/场合/的/应用/主要/技术/参数/: /输出/电压/范围/0-30V0-50V0-100V0-150V0-250V0-400V0-600V0-1000V0-2000V/输出/电流/范围/0-100A0-150A0-300A0-500A0-1000A0-3000A0-5000A/输出/稳/压/精度/<1%购/: /玉米/、/大豆/、/鱼粉/、/小麦/、/皮/等/产品/名称:/玉米/、/大豆/、/鱼粉/、/小麦/、/皮//铜/芯/聚/四/氟/乙/烯/绝/缘/四/氟/乙/烯/护/套/耐/高/温/电/力/电/缆// 地址/: /湖北省/武汉市/黄/陂/区/双/凤/大/道/229/号/外/经/贸/大/楼/流/水/线/（/输/送/设备/）/(图/)/本/公司/制造/各种/工业/流水线/; /详细/请/到/[Http://www.linhang.com/](http://www.linhang.com/)查询/。/磁性/浮/球/（/柱/形/）//[CN]/供/服务/行业/、/工程/、/医院/制服/广州市/番禺/区/定/昌/劳/保/服/装/厂/（/原/广州市/番禺/猛/涌/劳/保/服/装/厂/）/长期/生产/工/矿/、/企业/、/医疗/、/保健/、/酒店/服务业/等/系列/制服/, /是/广东/、/广州/地区/生产/工作/服/的/定点/生产/单位/, /产品/遍及/石油/、/化工/冶金/、/造船/、/医院/等/国有/大/中/型/企业/, /以及/众多/的/机关/、/团体/、/学校/、/宾馆/、/酒店/等/行业/部门/, /并

且/由/广州/、/佛山/、/番禺/、/深圳/各/大/劳保/定点/经营/单位/经销/./企业/经过/十多/年/来/的/不断/发展/、/探索/、/形成/一/套/完善/的/生产/工艺/流程/。/先进/的/生产/设备/和/一流/的/职业装/设计/队伍/，/将/服装/的/个性/与/不同/行业/的/特点/有机/结合/，/创造/出/定/昌/浓郁/的/职业装/品位/与/文化/，/定昌/制服/在/中国/职业装/领域/一/展/风骚/。/希/格/智能/照明/系统/部分/地区/诚/征/代理// 6/quartamp;/2/quart/ 邻/乙/氧/基/苯甲酸/乙/ /98弹/力/纱/卡/色/胶/涂层/水/洗/ 适用于/水/、/空气/等/介质的/高速/设备/；/最高/转速/：/1000/RPM/；/最高/压力/：/1.8M/pa/。/普通/型/最高/温度/：/100/°C/；/高温/型/最高/温度/：/180/°C/。/采用/平衡/式/密封/结构/，/使/密封/环/两端/产生/的/压力/几乎/相等/，/从而/有效地/降低/了/密封/载荷/对/密封/面/的/磨损/，/转/速/快/、/稳定性/强/，/延长/了/使用/寿命/。/主要/用于/造纸/、/纺织/、/冶金/等/行业/的/冷却/系统/（/本/产品/保质期/180/天/）/。// 儿童/蹬/被/提醒/器/ 儿童/蹬/被/提醒/器/，/采用/高/科技/微电子/光敏/传/感/技术/研制/而/成/，/微型化/，/多/方位/佩戴/结构/，/使用/简便/，/孩子/睡眠/前/戴/上/它/，/当/翻/掉/被子/时/，/及时/准确/地/发出/“/滴滴/滴/，/滴滴/滴/”/告警/声/，/提醒/父母/为/孩子/盖/好/被子/，/以免/受凉/感冒/，/因/怕/孩子/睡眠/时/蹬/被/而/不/能/安/睡/的/父母/们/从此/可以/高枕/无忧/了/。/它/别致/的/造型/也/是/孩子/们/喜欢/的/装饰/挂/件/，/外壳/上/活泼/可爱/的/米老鼠/图案/深受/孩子/们/的/喜爱/。/分散/红玉/S-5BL/(/S-2GFL/)/ EMAIL/：/zjcnxl@zjcnxl.com/ 大连/迈科/信/咨询/有限公司/主要/面向/国内/企业/长期/提供/国际/贸易/信息/和/资讯/、/商务/咨询/及/投资/可行性/分析/等/服务/。/印度/公司/求购/化工产品/，/主要/包括/fluoroplast/、/2-/ethylhexanol/、/isobutanol/、/低/密度/聚乙烯/、/丁醇/（/n-butanol/）/、/甲醇/、/irganox/、/聚丙烯/。//行程/次数/25/(/次//分//) // 联系/人/：/黄/先生/，//Purity/：/ >98/誉/的/象征/，/守/约/，/保/质/，/薄利/是/我们/服务/的/宗旨/。/供应/三/彩/壁画/(/图/)/ 产品/名称/：/母子/情// [CN]/木制/棺材/ 专业/生产/各/档/棺材/，/并/可/根据/客户/需要/生产/。/ 精美/书画/、/售楼/书/、/收藏/册/、/邮/册/、/企业/简介/、/期刊/、/杂志/、/产品/目录/、/说明书// 高压/聚乙烯/（/LDPE/）/粉末/

用途:/生产/高尔夫球//供/娃娃/跳/、/健/腹/器/、/跳跳/球/产品/名称:/娃娃/跳/、/健/腹/器/、/跳跳/球// [/CN]/求购/MOS/管/！！本/公司/现/大量/求购/高/质量/的/MOS/管/，/具体/产品/型号/及其/规格/要求/如下/：/IRFU024I-Pak/(/TO-251AA)/IRFU5505I-Pak/(/TO-251AA)/40/N0540A//50/V/品牌/不限/I-Pak/(/TO-251AA)/07/N607A//600/V/品牌/不限/I-Pak/(/TO-251AA)/80/N0280A//20/V/品牌/不限/I-Pak/(/TO-251AA)/80/N0580A//50/V/品牌/不限/I-Pak/(/TO-251AA)/

这/一/产品/主要/适用/于/塑料/、/油漆/、/涂料/、/密封/胶/、/橡胶/、/造纸/等/行业/。/公司/以/严格/治/厂/，/以/优异/的/质量/，/优良/的/服务/，/合适/的/价格/为/广大/新/老/客户/服务/！！求/购/声波/电子/驱/蚊/器/(/出口/德国/)/求/购/声波/电子/驱/蚊/器/，/交流/电/，/需要/两/款/，/每/款/三万/个/请/提供/现有/款式/复合/胶/复合/胶/天然/胶/天然/胶/永远/坚持/“/品质/创优/，/服务/创佳/”/之/宗旨/，/竭诚/欢迎/国内// [/CN]/名牌/美容/护肤品/网上/直销/店/你/好/：/春天/夏天/来/了/，/气候/日益/干燥/，/日照/越发/强烈/，/如果/不/注意/保养/一下/脸部/的话/，/很快/脸部/就/会/变得/又/红/又/黄/，/期/如此/面部/就/会/出现/更/多/的/皱纹/，/加速/面部/的/衰老/，/所以/，/日常/的/面部/、/颈部/、/手部/护理/不/能/缺少/，/上/美容院/服务费/太/贵/，/产品/更/贵/。/我们/是/名品/网上/直销/店/，/有/优秀/的/产品/，/绝对/便宜/的/价格/，/我们/的/价格/仅仅/只/是/厂家/的/直/销/价格/，/更/重要/的/是/，/我们/的/产品/完全/可以/自己/给/自己/护理/，/省去/了/大量/的/服务费/，/让/专业/级/的/美容/护理/变得/简单化/，/真正/做到/人人/爱/美/，/美/伴/一生/。/欢迎/访问/我们/的/网站/：/（/请/将/以/下/链/接/地址/复制/到/IE/的/地址/栏/中/即可/浏览/）/http://www.plmm.cn.gs/公司/：/联系/人/：/yishengdxx/省份/：/福建/省/城市/：/福州市/地址/：/http://www.plmm.cn.gs/邮编/：/350000/电子邮件/：/qwefsda@so.com/电话/：/05916596902/传真/：/注/：//地址/：/河北/廊坊市/文安/县/南/各/庄/工业区//氯化锌//邮政编码/：/213111//含/铅/量/大/于/30纺织/助剂/email:/landyard@sina.com/您/的/需求/，/就是/我们/的/职责/！！三/英/矿山/设备/您好/：//STMOTOR/(/三田/)/（/该/公司/已/通过/ISO9001/：/2000/国际/质量/管理/体系/认//弹/力桃/皮绒/245/T/联系/人/：/陈/先生/张/小姐/显微镜/北京/全/志/伟业/科技/有限公司//



24/HY-1B/型/聚合物/加工/助剂/LLDPE/：/1.5/；/PP/：/1/1.5/；/PVC/：/0.5/1.015800/ 承诺/：// YZGFZG/真空/干燥机// 供应/各种/规格/型号/进口/发动机/的/汽门/座/圈/、/汽门/导管/ 本/公司/是/中国/内燃机/协会/成员/，/具有/多/年/生产/发动机/配件/的/成功/经验/./专业/生产/耐磨/耐/高温/耐/冲击/耐/腐蚀/的/合金/铸铁/汽门/座/圈/、/汽门/导管/。/适应/欧/美/日/韩/等/多种/型号/进口/发动机/，/可/为/客户/特制/各种/非/标/（加大/）/尺寸/的/产品/，/批量/可/大/可/小/./供货/及时/快捷/./欢迎/来函/来电/咨询/订购/，/来/图纸/来/样品/定做/，/24/小时/全天候/为/您/服务/。/ 怡/成/血糖/仪/及/试纸/（/图/）/产品/名称/：/怡/成/血糖/仪/及/试纸// 装/运/目的地/：/杭州/萧山/南阳/经济/开发区// 胶体/泵/ [不/锈/钢/转/子/泵/] /温州/七/星/乳/品/设备/厂/属/中国/食品/和/包装/机械/工业/协会/、/中国/轻工/机械/协会/、/中国/质量/检验/协会/等/成员/单位/，/是/专业/致力于/研制/生产/乳/品/设备/、/食品/机械/、/制药/设备/、/化工/机械/、/JM/系列/胶体/磨/ [湿/式/胶/磨/机/] /、/ZB/系列/胶体/泵/ [不/锈/钢/转/子/泵/] /及/管道/配件/的/高新技术/企业/。// 单/机/操作/：/2/人// 供应/干/扇/贝/边/—/代替/鱼/粉/ 产品/名称/：/干/扇/贝/边// 开/模/费/另/计/./ EngineType/：/43/cc//49/cc/ 展/会/地点/：/沙/特/阿/拉/伯/利/雅/得/展/览/中/心//// 磷酸/氢/二/铵/磷酸/二/氢/铵/磷酸/脲/磷酸/三/钠/磷酸/氢/二/钠/我/公司/长期/生产/供应/。/ 磺/胺/二/甲/嘧/啉/钠/ 产品/标准/：// 以/优/质/价/廉/的/产品/，/以/质量/求/生存/，/以/服务/求/发展/，/热/诚/期/望/与/新/老/客/户/密/切/合/作/。/互/惠/互/利/，/共/同/发/展/。// 联系/电话/：/0371-4384399// 17/XH-207D/型/色/母/粒/专用/蜡/85/±310200// 轮/毂/ 运/用/发/明/专/利/挤/压/压/铸/技术/生产/，/挤/压/比/压/达/到/65M/Pa/以/上/，/质量/极/优/。/ 装/运/目的地/：/松/江/区// 齐/拉/西/酮/[138982-67-9/] 公/司/基/础/设/施/完/善/，/加/工/工/艺/先/进/，/检/测/手/段/齐/全/。// 聚/乙/烯/吡/咯/烷/酮/k30/上/海/产/./ 上/海/元/越/化/工/有/限/公/司/./021-.52827579.52806095/质量/保证/./量/大/价/格/优/惠/./[全/国/各/地/./可/代/办/托/运/]./ 用/杠/杆/直/接/加/载/的/手/动/洛/氏/硬/度/计// 通/径/：/25-300m/m/ 焦/磷/酸/铜// 99蜂/格/纺/（/0.5/cm/）/ 要/求/水/份/ 《3硫/酸/安/普/霉/素/可/溶/性/粉// <http://www.lvbo.net/N/>，/N/二/乙/基/乙/醇/胺/99在/农/业/中/，/ / “蝎/毒/干/粉/” /主/要/用/于/制/造/绿/色/农

药。/该药/不污染/环境/，/对/人/畜/无/害/，/但/对/幼小/的/昆虫/有/奇  
 特/的/杀伤力/。/（/目前/，/已/研制/成功/专/制/“棉/铃/虫/”/特效药/）/。//  
 对/苯/二/胺/硫酸盐//金/红石/型/钛/白粉//2-/甲/氧/基/烟酸//99美国/TEK1000/、/TEK2000/  
 列/示波器/，//LPG/系列/高/速/离/心/喷/雾/干/燥/机//交/货/地/点:/普/陀  
 区//[CN]/立/咬/口/合/缝/机/快/速/指/尖/调/整/最/大/板/厚/1.2M/M/缝/合/稳  
 定/、/平/整/、/牢/固/合/缝/高/度/4.0M/M/对/钢/板/或/铝/板/工/件/表/面/均/无/划  
 伤/工/作/速/度/5-6M//分/钟/立/式/止/回/阀/用/途:/贸/易//网/址:/www.xdguangqiao.com/  
 编/号:/0501/AR-98/装/运/目/的/地:/自/提//地/址:/广/东/深/圳/市/南/山  
 区/马/家/龙/工/业/区/69/栋/3/楼//供/生/物/制/药/领/域/专/用/产/品/-/蝎/毒/干  
 粉/(图)/产/品/名/称:/蝎/毒/干/粉//供/振/动/筛/用/橡/胶/密/封/条:/UVA/橡  
 胶/圈/(网/架/圆/形/胶//用/于/放/置/在/道/路/中/间/、/危/险/地/区/和/道  
 路/施/工/地/段/等/2.6-; /二/酸/吡/啶/99地/址:/江/苏/苏/州/人/民/路/550/号/507/室//  
 传/真:/0668-2136117//我/公/司/工/艺/先/进/，/检/测/手/段/齐/全/，/产  
 品/质/量/上/乘/。//键/盘/垫/(图)/莱/卡/布/+/砂/胶/，/手/感/好/，/防/疲  
 劳/联/系/电/话:/358-3561636//弹/性/纱/线/紧/急/求/购/地/球/仪/(图)/产  
 品/名/称:/地/球/仪//弹/力/斜/纹/扎/染/通/径:/50-1000m/m/时/间/继/电  
 器/产/品/名/称:/时/间/继/电/器//紧/固/件/，/五/金/件/./螺/钉/、/螺/母/、/铆  
 钉/、/挡/圈/、/销/./非/标/准/紧/固/件//[CN]/头/梳/折/叠/头/梳/，/一/面/是/镜  
 子/，/一/面/是/梳/子/。/数/量/是/1/，/000/，/000/PCS/。/如/有/生/产/，/请/报/最/好/的/价  
 格/及/产/品/资/料/，/谢/谢/！/可/提/供/产/品/图/片/供/参/考/。/紧/急/求/购/沙  
 滩/巾/。/印/花/单/面/割/绒/，/155/厘/米/X80/厘/米/，/500/克/./我/们/会/提/供/图  
 案/，/有/样/品/。/常/年/要/货/./请/先/就/贵/公/司/现/有/的/产/品/进/行/报  
 价/./柴/油/产/品/名/称:/柴/油//手/机:/13951529738//邮/政/编/码:/276000//  
 尼/莫/地/平//USP24/上/海/产/./尿/囊/素//9969.79.92/标/搪/玻/璃/反/应/罐/搪/玻  
 璃/片/式/冷/凝/器/搪/瓷/储/罐/，/塔/节/，/管/道/，/弯/头/等/一/二/类/碳/钢/不  
 锈/钢/非/标/压/力/容/器/搪/玻/璃/储/罐/，/蒸/馏/釜/常/年/求/购/废/（/回/收/）/纯/苯/，/甲  
 苯/，/二/甲/苯/，/混/合/苯/，/机/油/，/柴/油/，/导/热/油/等/可/燃/性/溶/剂/。/  
 用/途:/原/料//汽/车/燃/油/管/、/空/气/管/及/电/线/电/缆/套/用/TPEE/型  
 号:/BT-1140D1155D1163D1172D/安/捷/伦/34401/A6/位/半/台/式/万/用



表/和/安捷伦/33120/A/信/号/源/, //风/道/阀门/系列/产品/包括/空气/调节/类/、/防火/类/和/排烟/类/阀门/, /是/用于/各类/工业/、/民用/建筑/的/空调/、/通风/及/防/、/排烟/系统/中/的/各类/空气/控制/阀门/, /具有/调节/空气/流量/的/压/差/, /防止/沿/通道/的/蔓延/, /排/出/区域/的/火灾/烟/气/, /同时/具有/保护/设备/和/装置/等/作用/。/2./各种/金属/材质/冷凝器/、/换/热/器/ (含/螺旋/板/式/、/列管/式/) // 茂名/易/维/科技/为/客户/提供/一/站/式/的/IT/及/网络/服务/商/!// 地址:/山西/交/城/义/望/工业/区// 异/丁/胺/99.90/邮/政/编/码:/200333// 汕头市/大洋/兴/福/塑料/有限/公司/我/司/系/专业/设计/和/专业/制造/各种/塑料/薄膜/吹塑/机/企业/, /是/中国/包/协/软/包装/技术/中心/会员/、/省/包装/技术/协会/情报/委/委员/。/致力/于/产品/质量/的/保证/和/提高/, /已/顺利/通过/了/英国/摩迪/公司/ISO9001/国际/质量/认证/。/遥控/防盗/静音/防盗/环保/防盗//行驶/中/自动/下/锁//我/处/有/大量/扇/贝/边/等待/出售/, /可以/当/鱼/粉/用/, /价格/便宜/。/供应/厂商/有着/密切/的/联系/, /并/与/其/保持/着/良好/的/合作/关系/。/现/已/形成//业/用以/印花/防/染/剂/, /在/火/柴/中/用于/中/和/牛/皮/胶/的/酸性/增//全新/款式/多/功能/VCD/(图)/ 产品/名称:/VCD/ (MB-V2003C) // 过/硫酸/钠/99.5/公/司/永/远/是/您/理/想/的/合/作/伙/伴/。/我/公/司/主/要/生/产/的/产/品/有:/M/ 祝/商/祺/!// 17./其它/可/提供/的/相关/产/品// 特别/推荐:/博/龙/高/阻/隔/PE/含/氟/瓶/ 传/真:/4113696090//MX1250/型/舒/驰/方/桶// 我们/以/一/流/的/技术/, /先/进/的/设备/, /诚/心/的/服务/, /优/惠/的/价/格/, /欢/迎/四/方/宾/客/的/到/来/。//4060200/CTNS/, /24/SETS//CTN/, /20/PCSWITHBUCK二/丙/酮/醇/99/诚/寻/电/脑/类/产/品/长/期/供/货/商/我/司/投/资/的/《/国际/名/牌/购/物/网/》/在/开/业/之/际/, /诚/寻/电/脑/类/品/牌/产/品/ (含/电/脑/整/机/、/配/件/、/数/码/、/外/设/、/服/务/器/、/笔/记/本/、/音/像/等/等/) /长/期/供/货/商/合/作/, /有/意/者/请/登/陆/我/司/主/页/登/记/或/电/询/。/http://www.vip8848.com/ 冷/触/媒/滤/网/ 您/好:/ 供/应/汽/车/轮/毂/ 本/公/司/是/一/家/专/业/从/事/汽/车/零/部/件/, /机/械/紧/固/件/, /标/准/件/, /高/强/度/螺/栓/等/生/产/制/造/的/企/业/。/专/业/生/产/前//后/轮/毂/系/列/, /后/短/轴/颈/系/列/, /羊/角/系/列/, /轮/胎/螺/丝/系/列/, /前//后/钢/板/销/系/列/, /吊/耳/销/总/成/系/列/, /U/型/螺

丝/系列/, /传动轴/接头/系列/, /以及/各种/汽车/螺栓/系列/产品/。 /前//后  
 轮/毂/车型/有/: /夏利/, /奥拓/, /起亚/, /富康/, /捷达/, /本田/CG598/, /本  
 田/CB//CD/, /普桑/, /桑塔纳/2000/型/, /时代/超人/, /帕萨/特等/。 /轮/胎/螺  
 丝/车型/: /EQ/:/140-144-145-153-1060-1061/CA/:/141-142-151/NJ/:/131-  
 136/。 /桑塔纳/、 /奥迪/、 /高尔夫/、 /宝马/、 /奔驰/、 /欧宝/、 /菲亚特/、 /标  
 致/、 /雷诺/、 /福特/、 /西亚/特等/。 /羊角/系列/: /桑塔纳/, /奥拓/。 /后/短/轴/颈/系  
 列/: /时代/超人/、 /普通型/。 /公司/秉承/ “/品质/至上/、 /顾客/第一/” /的/宗  
 旨/为/广大/商/家/提供/优质/的/产品/。 /<http://www.zbfuzehuoyun.com/>  
 铜/芯/聚/全/氟/乙/丙烯/绝缘/聚/全/氟/乙/丙烯/护/套/铜/带/屏蔽/耐/高温/控  
 制/电/ 1. /广/谱/抗/菌/石榴/皮/中/含有/多种/生物/碱/, /抑/菌/试验/证  
 实/, /石榴/的/醇/浸/出/物/及/果皮/水/煎/剂/, /具有/广/谱/抗/菌/作用/, /其/对/金  
 黄/色/葡萄球菌/、 /溶/血性/链球菌/、 /霍乱/弧/菌/、 /痢疾/杆菌/等/有/明  
 显/的/抑制/作用/, /其中/对/志贺/氏/痢疾/杆菌/作用/最/强/。 /石榴/皮/水/浸  
 剂/在/试管/内/对/各种/皮肤/真菌/也/有/不同/程度/的/抑/制作//L-/半/胱/氨/酸/盐  
 酸/盐/无/水/物/ 产品/标准/:/20/目-/100/目// 1-/萘/酚/-5-/磺/酸// 亚/硫酸/氢/钠/  
 产品/标准/:/特定/级// 糠/酸/ (2-呋喃/甲酸/) /用途/:/出口// 会/跑/业  
 务/的/软件/-/商务/快车/!/ /已/内/ /胺/99邮箱/: /salse@sz-xcf.com/ 氯  
 化/亚/砷/ -/病人/标识/带/-(/图/)/ 产品/名称/:/病人/标识/带// 遥控/距  
 离/150/米/(/开阔地/直线/距离/)/ //本/公司/是/一/家/专业/生产/沙滩/椅/、 /折  
 叠/桌椅/、 /帐篷/等/旅游/休闲/用品/的/企业/。 /欢迎/新/老/客户/来函/来  
 电/, /洽/谈/业务/, /携/手/共/进/, /共/创/辉/煌/。 / 塑料/编织/制品/生  
 产/加/工/过/程/中/广/泛/使用/的/防/老化/扁/丝/级/树脂/原料/。 /油/箱/口/  
 车/辆/配套/用/WFS-250/型/微/粉碎机// D3/庐山/-/德安/quot;/共/青城/quot;/-  
 /南昌/-/深圳// C16 18/醇// 99缝制/手套/ 手机/防盗/、 /防/丢/电子/报  
 警/保险带/(/图/)/ 产品/名称/:/TTR/防盗/、 /防/丢/电子/报警/保险带// 塑  
 料/桶/ 产品/标准/:/200/L/大/口/,/200/L/小/口// 松/油/醇/ 产品/标准/:/工  
 业/级// 健康/美丽/的/皮肤/, /由于/含有/大量/的/活性/胶/原/蛋白/而/显  
 得/格/外/的/丰满/, /莹/润/而/有/弹性/, /青春;/ /丽/、 /美/艳/动人/。 /但/在/二  
 十/岁/以后/, /人体/自身/合成/胶/原/蛋白/的/能力/会/逐渐/下降/, /使

得/人体/内/胶/原/蛋白/的/结构/也/发生/了/极大/的/变化/。/成为/相互/交  
织/的/不可/溶/的/胶/原/蛋白/。/所以/皮肤/会/出现/干/而/涩/、/薄/而/硬/，/皱  
纹/增多/，/苍老/而/无/晶莹/容/润/之/现象/。//美标/抽/气/止/回/阀/用  
途/：/贸易//车/用/冰箱//半导体/冰箱//电子/冰箱//汽车/冰箱//车  
载/冰箱/台州市/茂c /半导体/冷暖/设备/厂/；/网址/：/[www.maoxincn.com]/网  
络/实/名/：/[车/用/冰箱]/电话/：/[0576-4588780]/是/一/家/专业/从事/制  
冷/行业/、/设计/、/安装/、/开发/等/。/近年来/主要/有/：/专/配/轿车//工  
具/车//皮/卡/车/等/各/类/无/霜/型/：/车/用/冰箱//半/导/体/冰/箱//电  
子/冰/箱//汽/车/冰/箱//车/载/冰/箱/等/，/以及/冷/敷//空/调/座/垫//装  
饰/灯//档/位/灯//牌/照/灯/等/系/列/产/品/的/源/头/企/业/，/并/采/用/国  
内/外/先/进/的/制/冷/技/术/。/供/应/色/粉/，/色/母/公/司/简/介//提供/纸  
制/包/装/：/新/雅/集/团/是/中/国/防/伪/协/会/常/务/理/事/单/位/，/中/国/企  
业/家/协/会/会/员/单/位/，/浙/江/包/装/印/刷/常/务/理/事/单/位/，/烟/草/、/药  
品/包/装/印/刷/定/点/单/位/，/商/标/印/刷/指/定/单/位/。/出/版/物/许/可/准/印/单  
位/，/主/要/经/营/出/版/物/，/包/装/及/彩/印/广/告/等/印/刷/品/印/刷/制/作/，/主  
要/产/品/有/各/种/精/美/包/装/礼/盒/，/酒/盒/，/烟/盒/，/药/盒/，/化/妆/品/盒/，/精  
装/书/籍/，/记/事/本/，/文/具/，/图/书/，/杂/志/期/刊/，/广/告/画/册/，/挂  
历/，/不/干/胶/商/标/铝/箔/标/。/主/要/制/作/工/艺/有/胶/印/，/磨/砂/印/刷/，/激  
光/烫/金/，/层/次/烫/金/，/凹/凸/，/上/光/，/压/光/，/UV/，/水/油/性/腹  
膜/，/天/津/腹/膜/自/动/模/切/，/手/工/包/装/糊/礼/盒/等/印/后/加/工/。/压  
缩/雨/衣/求/购/压/缩/雨/衣/，/压/缩/后/的/外/形/似/足/球/，/请/生/产/厂  
家/速/于/我/司/联/系/。/求/购/磁/选/机/、/浮/选/机/、/球/磨/机/等/现/购/磁/选/机/、/高  
频/筛/、/球/磨/机/、/超/细/破/碎/机/，/有/意/者/请/与/我/公/司/联/系/并/提  
供/样/本/图/片/。/卓/越/的/品/质/，/完/善/的/服/务/，/不/断/的/新/产/品/开  
发/，/尽/量/满/足/您/个/性/化/的/包/装/需/求/是/博/龙/公/司/贯/彻/始/终/的/经  
营/理/念/。//备注/：/量/大/从/优/，/质/量/可/靠//通/径/：/500-600mm/我  
们/是/邯/郸/市/博/润/智/能/电/子/有/限/公/司/，/我/们/供/灯/光/控/制/、/检/测/、/报  
警/系/统/，//2/、/合/理/的/价/格/。/最/低/供/货/价/，/超/大/利/润/空/间/。//  
水/分/：/≤/0.05我/公/司/专/业/生/产/各/种/电/动/工/具/。/欢/迎/垂/询/订/购/！/

4) /淀粉/分解/酶/：/分解/淀粉/大/分子/，/将/不/溶/性/淀粉/分子/转  
化/成/可/溶/性/分子/。/可/用于/各种/果汁/饮料/生产/及/果酒/生产/。//  
求//玩具/鞋/(图)/本/公司//需求//小型/玩具//有/ //a/‘S/家/，若/有//似//品/，先/E-  
mail/‘D/片/至/我/司/，// [CN/]供应/干/荷/式/汽车/电池/ 广东/则/良/蓄  
电池/有限公司/专业/供应/干/荷/式/汽车/电池/，该/产品/的/主要/特点/是/容  
量/充足/，低温/启动/性能/好/，启动/强劲/，质量/指标/均/达到/国际/标  
准/，寿命/长/，规格/齐全/。详情/请/浏览/我们/的网站/或者/直接/电/邮/和/我  
们/讯/盘/。讯/盘/请/注明/您/的/邮件/地址/，谢谢/！/戊/唑/醇/[107534-  
96-3]/ 包装/：/原/药/：/50k/g/塑料/编织袋/、/纸板/桶/。/可/湿/性/粉  
剂/：/20k/g/大/包装/。胶/县/剂/：/200k/g/桶/。//我/公司/常年/供应/优  
质/优/价/的/曲/马/多/原/粉/，/GMP/认证/国家标准/，/诚/信/经营/是/我  
们/对/您/的/承诺/，/欢迎/各/医药/厂商/来函/来电/垂询/！/甲/砒/霉/素/  
产品/标准/：/BP98/我们/是/上海/富/蔗/化工/有限公司/，我们/供/甲基/丙  
烯酸/缩水/甘油 /，// 交货/地点/：/上海/，/常州//16/XH-207C/型/色/母/粒/专  
用/蜡/140/ 15014000/ 装/运/目的地/：/生产/厂/家//我/公司/是/专业/生  
产/给/排水/设备/及/附件/的/专业/公司/，/职工/队伍/训练/有/素/，/设  
备/精良/，/资/力/雄厚/，/质量/严密/，/产品/有/：/JGD/型/系列/可/曲/绕/合  
成/橡胶/接头/，/SGD/型/系列/给/排水/、/热力/套管/式/伸缩/器/，/SSJB/型/系  
列/压/盖/式/伸缩/接头/及/各种/传/力/接头/，/不/锈/钢/波/纹/补/偿/器/，/品  
种/齐全/，/质/优/价/廉/，/是/给/排水/热力/管道/，/建筑/领域/的/理想/产  
品/。//南/宫/市/长/海/毛/毡/厂/是/专业/生产/工业/羊毛/毡/的/厂家/，/已/有/三  
十/年/的/历史/。/生产/产品/主要/有/各种/规格/的/平面/毡/，/主要/产  
品/有/：/羊毛/毡/，/彩色/毡/，/针/刺/毡/，/中/粗/羊毛/毡/，/防/滑/毡/，/过  
滤/毡/，/覆/膜/毛/毡/，/民/用/毡/，/防/寒/毡/，/杂/毛/毡/，/松/软/毡/，/军  
用/床/毡/，/化/纤/毡/，/画/毡/，/运/输/毡/，/包/装/毛/毡/，/工/艺/麻/将/毛  
毡/，/羊/毛/毡/轮/，/毡/筒/，/毛/毡/密/封/垫/，/印/台/毡/，/护/膝/毡/，/毛  
毡/鞋/垫/，/毛/毡/油/封/，/抛/光/轮/，/羊/毛/球/，/无/纺/布/，/羊/毛/磨/头/，/半/灰/毡/，/喷/用  
品/具有/：/过/滤/、/抛/光/、/封/严/、/衬/垫/、/绝/缘/、/防/震/、/阻/尼/、/护/油/、/保  
温/、/隔/热/等/作用/。/产品/广/泛/用于/：/机械/、/军/工/、/冶/金/、/矿/山/、/林

业/、/纺织/、/机电/、/通讯/、/仪器/仪表/、/交通/运输/、/航空/、/船/泊/、/机械/、/电子/、/家电/、/机电/、/钢琴/、/镜面/与/不锈钢/镜面/及/其它/平面/的/抛光/等/。//海翔/电脑/、/电视/、/电话/专用/清洁剂/(图)/产品/名称/：/电脑/、/电视/、/电话/专用/清洁剂//二/甲基/硅/油/、/含/氢/硅/油/、/氨基/硅/油/、/苯基/硅/油/信/越/、/东芝/、/威凯/：/107/硅橡胶/（/各种/粘度/）/信/越/、/东芝/：/硅/树脂/、/硅/脂/、/硅胶/信/越/、/道康宁/、/威凯/：/硅/烷/偶/联/剂/威凯/、/道康宁/、/东芝/：/线性/体/、/D4/蓝/化工/有机/硅/事业/部/与/世界/几/大/有机/硅/公司/：/美国/道康宁/、/日本/信//弹/力/绒/致力于/产品/质量/的/保证/和/提高/，/已/顺利/通过/了/英国/摩迪/公司/ISO9001/国际/质量/认证/。/纤/工业/、/包扎/管道/、/锅炉/保暖/、/防冻/等/。//传真/：/0536—8290991//汽车/自动/巡航/定/速/器/系统/我/公司/是/美国/佛杰特/汽车/巡航/定/速/器/中国/地区/的/进口/总代理/。/主要/产品/有/微电脑/控制/的/真空/伺服/式/和/电子/伺服/式/两/种/巡航/定/速/器/系统/。/配/有/多种/形式/的/控制/开关/可/供/选择/。/诚/征/国内/各/地区/代理/。/[CN]/供应/扬声器/江/门市/声/亮/科技/有限公司/专业/生产/扬声器/、/质量/上/等/、/款式/多样/、/详情/请/浏览/我们/的/网站/或者/直接/电/邮/和/我们/讯/盘/、/讯/盘/请/注明/您/的/邮件/地址/，/谢谢/！/FAX/：/0760-7314168/李/小姐/北京市/振/泰/园艺/设施/公司/创建于/1987年/，/是/国内/从事/园艺/设施/产品/开发/和/生产/的/专业性/公司/。/多/年/来/，/我们/努力/吸收/先进/生产/技术/，/合理/引进/设备/，/逐步/形成/现有/的/“植物/组织/培养/设备”、“组/培/试剂/与/实验/仪器”、“温室/育苗/类/生产/资料”、“节水/灌溉/与/无土栽培”等/四/大/系列/。/多/达/千余/种/产品/，/适应/客户/的/需要/。//各种/废/溶剂/用途/：/生产//本/公司/建/有/完善/的/ISOGB//T19001/：/2000/质量/管理/体系/。/健全/的/生产/、/销售/、/系统/服务/的/管理/机制/。/应用/技术/、/生产/能力/居/国内/领先/水平/，/具备/了/承接/大中型/防水/工程/的/材料/供应/能力/。//聚/丙烯酸/钠/3000万/上海/产/、/上海/元/越/化工/有限公司/、/021-52827579.52806095/质量/保证/、/量/大/价格/优惠/、/[全国/各地/、/可/代办/托运/]、/[CN]/供应/各种/美容/椅/等/美容院/家具/联/兴/美容/椅/业/厂/专



业/生产/供应/各种/洗/头/床/, /等候/椅/, /油压/椅/, /镜台/, /美容/美  
发/椅/, /师傅/椅/, /收银/台/, /椅/脚/等/美容院/家具/, /详情/请/浏览/我  
们/的/网站/或者/直接/电/邮/和/我们/讯/盘/./讯/盘/请/注明/您/的/邮件/地  
址/, /谢谢/!/ /磷酸/三/丁/ /工业/级/上海/产/./上海/元/越/化工/有限  
公司/./021-52827579.52806095/质量/保证/, /量/大/价格/优惠/./[全国/各  
地/, /可/代办/托运/]./ /乙基乙/二/胺/ (/AEEA/) /无/水/哌嗪/ (/PIP/) /三/乙  
烯/二/胺/ (/TEDA/) /DMP-30T-31/ 我/公/司/是/专/业/生/产/乙/二/胺/下  
游/产/品/的/厂/家/, /是/目/前/国/内/最/大/的/ /胺/生//弹/力/缎/与/图/片/类  
似/产/品/:// 求/购/数/码/印/刷/机/器/ 请/生/产/厂/商/或/代/理/商/来/电/函/报  
价/, /并/要/求/说/明/你/公/司/给/予/的/服/务/, /谢谢/  $\Phi$ /150m/m/ 胶/助  
剂/: /促/进/剂/TMTD/、 /TETD/、 /ZDC/、 /NA-22/、 /PZ/、 /NS/, /并/有/防//  
可/充/电/式/聚/光/灯/!/ /超/强/亮/光/!/ /您/好/!// 超/氧/化/物/歧/化/酶/SOD/  
产/品/标/准/:/企/标//我/公/司/于/2001年/通/过/了/ISO9001/: /2000/质/量/体  
系/认/证/。 /工/艺/先/进/, /技/术/精/湛/, /设/备/精/良/, /检/测/严/谨/!/ /

## Appendix B

### Mistakes in Some Example Texts

#### B.1 Texts which Contains a lot of Terminological Terms

/蛙镜/、/呼吸/管/、/手电筒/等/)/、/刹车/块/、/运动促销/架/的/企业/，/服务于/食品/、/年生产能力/60万/套/。/产品/长期/出口/德国/、/日本/，/2002年/完成/出口/交货值/1500/多万元/。/

/山西省/交城县/金兰/化工/有限公司/主产/品/硝酸钾/、/硝酸钡/、/硝酸钠/、/硝酸钙/、/硝酸镁/、/硝酸铵/钙/、/工农业/氯化铵/、/磷酸二氢钾/等/；/我/公司/长期/需求/硝酸铵/、/氯化钾/、/碳酸钡/等/ /求购/水晶/发光/项链/ /水晶/闪光/顶链/(十二生肖/长方型/),10K/如/有/供应商/、/请/与/我们/联系/。/卡那霉素碱/ /产品/标准:/ /化纤/ /浴室/干身器/—/沐浴/后干洁/身体/、/头发/，//冷热/风/随/调节/。/自动/保健/氧吧/，/浪漫/情调/小/夜/灯/。/ /装运/目的地:/杭州/ /我方/提供/产品/图纸/以及/实物/样品/。 [CN] /中/弘远/程 /报警/与/抄/表/一体化/系统/ ZHIC-B-2000/系统/包括/两/大部分/：/A/、/智能/无线/GSM/（/工业级/通信/模块/）/终端机/（/安装于/被/监测/的/进/、/出线/或/计量/柜//箱内/）/；/B/、/无线/GSM/监控/主控/机/（/通常/安装于/电业局/监控室/）/。/当/安装



于/被/检测/柜/（/箱/）/内/的/智能/终端/探测/到/柜/（/箱/）/门被/打开/或/停电/、/来电/事件/发生/，/立即/通过/内置/GSM/系统/向/无线/监控/主控/中心/自动/发出/报警/信号/，/该/报警/信号/在/无线/监控/中心/的/计算机/上/会/自动/弹出/显示/事件/发生/的/时间/、/地点/、/单位/名称/以及/几号箱门/的/记录/。/主控/计算机/及时/对/信息/进行/处理/和/判断/，/通过/GSM/短信息/方式/向/当值/（/班/）/人员/的/手机/及/维修/车/报警/。/测控/终端/体积/小/，/安装/简单/，/配置/灵活/，/扩容/方便/，/具有/宽/温度/工作/范围/（/-30℃/～/70℃/）/，/终端/可扩展/为/由/485/总线/实现/的/大/用户/抄/表/功/能/，/成为/防窃电/与/抄/表/一体化/智能/终端/。/ZHIC-B-2000/远程/实时/防窃电/报抄/表/一体化/系统/配备/了/完善/而/人性化/的/计算机/操作/界面/。/该/终端/采用/的/GSM/公用/通讯/网络/，/以/短信/形式/进行/数据/传输/，/无需/申请/，/无需/自行/组网/，/节省/了/终端/及/无线/监控/中心/复杂/而/庞大/的/无线/系统/设备/及其/烦琐/的/设备/维护/工作/。/GSM/公用/通讯/网络/不易/受/恶劣/天气/如/大风/、/雷雨/天气/的/影响/，/城乡/覆盖/率/达/95/先进/可/循环/备用/电源/，/当/遇到/电网/停电/情况/时/，/可/自动/切换/以/保证/不间断/监测/。//生产/范围/：//产品/产地/：/深圳/ /温湿度/测控/系统/ /单/温/、/单/湿/控/制/ 仪表/，/温湿度/一体/测控/仪表/，/传感器/采用/高分子/湿敏/元件/，/控制/部分/采用/16/位/电脑/单片机/，/带/计算机/接口/，/可进行/全方位/自动化/管理/。//武汉市/黄陂/外贸/猪场/，/是/武汉市/粮油/食品/进出口/公司/和黄陂区/ 外经/贸委/投资/建造/的/国有企业/，/是以/养殖/、/饲料/加工/、/牲猪/出口/为主/的/综合性/多/功能/实体/企业/。/联系人/：/魏/文君/，/田/伟群/ /压力/：/16-32Mpa nongshentech@sohu.com HTP-65W /产品/名称/：/HTP-65W /抗氧剂/2450 XGH-98/脱硫/醇/活化剂/ /装运/目的地/：/天津/ /中英文/智能/电磁/流量计/、/稳定/的/性能/、/合理/的/价格/、/你/理想/的/选择//奥星卫/具有/有限公司 /是/国内/具有/较强/实力/的/卫具/企业/之一/，/从事/宾馆/、/酒楼/、/写字楼/、/家庭/卫生/洁具/的/生产/和/销售/的/专业/生产/企业/，/产品/包

括/卫生/洁具/、/五金/用品/、/电吹风/、/化妆/镜/、/1,4-/二氧六环/./含量/99.9/音//脉冲/拨号/;

/联系人/：/麦/小姐//倒/筒/机//农药//烟台/绿/云生/物化学有限公司/供应/扑菌灵/、/轮/纹/净//备注/：/适用于/塑料/、/油漆/、/涂料/、/密封胶/、/橡胶/、/造纸/等/行业/。//用户/需要/生产/。//四/甲基/溴化铵/99/排/渣/止回阀//用途/：/贸易//供应/高档/铝电解电容器//产品/名称/：/铝电解电容器//环戊胺/ 99.90/天然/果珍/饮料//您好!/ /巩义市华源/供水/设备/有限公司//求购/BMX/赛车/专用/服装/（/上衣/裤子/和/手套/）//我/公司/正/在/组织/一批/BMX/赛车/以及/BMX/专用/头盔/、/服装/和/手套/出口/北美/，/已/签订/三年/的/供货/合同/，/首/批/不/少于/600/套/。//请有/生产/经验/的/工厂/和/供货商/联系/，/备有/详细资料/。/青岛/大通/四海/工贸/有限公司/。/大通/四海/@/青岛//九/、/社会/保障/拥有/高/规格/、/高标准/农贸市场/一个/，/华东地区/一流/乡镇/养老院/一所/。//三正丁胺/99.50[CN]/出国/在线//应/中国/教育部/重新/组织/国外/知名/院校/远程教育/评定/体系/的/新局面/，/出国/在线/将向/广大中国/学生/及时/提供/最/权威/的/政府/法规/政策/、/学术/语言/要求/，/和/国外/相关/院校/的/介绍/，/敬请/关注/。/特别/推荐/预科/课程/：/欧洲经济/学院/欧洲经济/学院/的/目标/是/为/今天/的/商界/培养/德才兼备/的/年轻/企业家/和/管理/人才/。/APU/大学/此/课程/为/全日制/课程/，/专门/为/准备/在/英国/大学/攻读/BA/、/Bsc/及/LLB/学位/的/学生/所/设置/的/。/除/作业/和/图书馆/自修/时间/外/，/学生/每周/还需/上/16/小时/的/课/。//所有/的/预科/留学生/均/要/上/英语/语言/，/学习/技能/，/跨/文化/研究/及/英国/生活/问题/等/课程/。/萨尼特/学院/(ThanetCollege)/ /国际/预科/课程/为/希望/到/大学/深造/却/苦于/没有/机会/的/年满/18/岁/的/成/人/学生/开设/。/这是/一个/迈向/成功/领域/的/理想/的/第一步/，/为/你/提供/一/条/官方/承认/的/通向/大学/学位/的/道路/。/课程/重点/在于/建立/自信/，/传授/必需/的/知识/和/技能/，/为/你/接受/更/高级/的/教育/做好准备/。/3/、/质量/及/供货/时间/的/保证/。//聚 /多元/醇//产地/：/南京//二/、/合作/方式/：/合作//飞驰/牌/ASFA306/型/高速/并条机//熔

点/：/-118.6° /C/家/专利/（/ZL98240901.XZL98325634.9),01T/超/硬/材料/颗粒/分级/机/、/[CN]/高速/粉碎机/FY/系列/高速/万能/不锈钢/粉碎机/适用于/制药/、/食品/、/化工/、/冶金/、/科研/等/行业/粉碎/中等/硬度/及/干燥/脆性/的/物料/，/它/具有/结构设计/合理/、/坚固耐用/，/效率/高/、/运转/平稳/、/噪音/小/、/机/温/低/，/安装/操作/方便/等/优点/。//供应/苯酚/ /供应/苯酚/ /电子/产品/设计/开发/，/加工/ 3/、/癌症/、/红斑狼疮/、/重症/肌无力/、/麻风/ /产品/产地/：/印尼//马来/ /求购/不锈钢/拉丝板/ /急需/采购/304/不锈钢/拉丝板/，/价格/面议/./请速/报价/./急/!!!!(限/江苏/省内/)/弹力/麻/ [CN]/供磨床剪板机折边机/ /立式珩磨机/M4215/大河/93年/九/成/1/台面议立式珩磨机/M4220/中捷/70年/八成/1/台面议曲轴磨床/MQ8260/上海/72年/八成/1/台面议曲轴磨床/MQ8260/汉江/75年/八成/1/台面议外元磨床/H082/Φ/750\*2000/上海/74年/九/成/1/台面议/高速/外元磨床/MS1320/湖南/85年/八成/1/台面议弧齿刀盘磨床/MB6745A/济南/76年/八成/1/台面议/活塞/椭圆磨/3MBS8532/上海/78年/九/成/1/台面议滚丝机/ZB28-125/本溪/93年/未/用/1/台面议折边机/4\*2000mm/黄石/80年/八成/1/台面议剪板机/QA11-3\*2000A/株洲/95年/、/九/成/1/台面议/ /我厂/有/职工/100/余/人/，/厂房/500/多/平方米/，/有多/年/生产/加工/玩具/一/历史/，/质量/可靠/，/信誉第一/。/现/寻求/客户/订单/。/有意/合作者/，/请速/与我/厂/联系/。// “/大中华/企业/网/” /独立/运营/商/；//销售/Rochester(RIS)/罗切斯特/仪器/仪表/Rochester(RIS)/罗切斯特/是/世界/著名/仪表/专业/厂商//。/主要/产品/有/：/温度计/、/压力计/、/校准仪/、/记录/仪/、/速度/传感器/、/密度计/、/火焰/传感器/、/报警/信号/装置/等/。/ 华/科/能/实业/发展/有限公司/在/中国/经销/Rochester(RIS)/罗切斯特/产品/。/电话/：0755-26410612,26521678/传真/：0755-26406655/网站/：http://www.worldmaterial.com/华/科/能/集团/有限公司/ /疏/鸟/嘌呤/ /产品/标准/：99/注/：/企业/单位/必须/将/营业执照/的/复印件/传真/或/发电子邮件/给我们/01Features/：/详情/请看/»http://www.wzhdwj.com/烯效唑/是/一/种物/生长/延缓/剂/。/具有/高效/、/稳定/、/广谱/、/低/碱/等/特点/。/它/还/具有/广谱/杀菌作用/。/[车/地/]全自动/电脑/洗车机/ /我/公

司/是/专业/生产/各种/型号/全自动/电脑/洗车机/的/生产厂/商/, /供应/隧道式/、/往复式及/大型/巴士/全自动/电脑/洗车机/, /采用/自有/专利/技术/, /主要/部件/均/为/国外/知名/品牌/生产商/提供/, /质量/可靠/, /外观/设计/简洁/大方/。/同时/我/公司/独有/的/连锁/加盟/方式/, /为/广大/投资者/提供/最佳/投资/方案/。/7.RF301-2/投入/缆式/多/浮球/开关/ /新疆/全线/:/北疆//中疆//南疆/15/天双飞/ D1/广州/飞/乌鲁木齐/:/从/广州/出发/, /飞/乌鲁木齐/...../电源/: /CR1620/ (或/1625/) /3V/×/2 99年/, /浙江省/绿色/小/城镇/ /有线电视/解码器/(图/) /产品/名称/:/有线电视/解码器/ /特殊/系统/清洗剂/ 1-萘酚/ /一/、/鞋撑用/纸浆/制造/, /无毒/、/无害/, /可/自然/降解/, /属于/环保型/产品/。//三苯基丁基溴化磷/993,4-二氨基/甲苯/硫酸盐/ /磺胺嘧啶/99/塑胶/粉碎机/(图/) /特点/: /1/、/机体/全/钢板/焊接/, /特别/坚固耐/冲击/, /非/铸件/机体/可/比较/, /机体/保固/十/年//。/2/、/ “/A/、/C/” /机型/4/排/固定/刀及水/冷却/循环系统/设计/, /产量/高/, /粉碎/能力/强/特别/适合/粉碎/胶头/、/大型/胶件/、/管材/、/机壳类/塑胶/。/3/、/ “/A/、/C/” /机型/列/适合/粉碎/PVC/、/TPR/、/TPE/、/PP/、/PE/等/软质低熔点/塑胶/可/小时/连续/作业/。/4/、/ “/B/、/D/” /机型/2/排/固定/刀/设计/, /清料/简单/方便/, /粉碎/能力/强/。/5/、/可依/客户/要求/加多/附件/及/修改/结构/。//电动/焊接/闸阀/ /用途/:/贸易/ /好/在/京津/或/附近/省份/。/谢谢/!!/

## B.2 Texts of News

/房价/仍/在/上涨/廉租房/建设/的/ “/破冰/之/旅/” /艰难/  
/当前/, /一些/大城市/的/房价/仍/在/上涨/, /廉租房/的/建设/成为/关注/焦点/。/然而/, /建设部/日前/公布/的/ “/70/个/地级/以上/城市/尚未/实施/廉租/住房/制度/” /的/消息/, /让/人心/中一/Lex-ambi凉/。// /

/一些/专家/指出/, /应该/将/ “/廉租房/” /建设/纳入/政绩/考核/内容/, /同时/政府/也/要/调整/包揽/到底/的/解困/思路/, /从/补/ “/砖头/” /改为/补/ “/人头/” /, /从/靠/ “/市长/” /变为/靠/ “/社会/” /, /这样/才能/快速/、/低/成本/本地/解决/低收入/家庭/的/住房/问题/, /实现/高/房价/时代/的/ “/破冰/之/旅/” /。 /

/天津/：/构筑/三/道/住房/保障/网/

/为/让/中低收入/家庭/也/能/居者/有/其/屋/, /近年来/, /天津市/着手/构筑/三/道/住房/保障/网/。 /第一/是/建设/廉租/住房/, /解决/拆迁户/最低/收入/家庭/的/住房/困难/； /第二/是/多渠道/筹集/房源/, /向/低收入/拆迁/困难户/提供/经济/租赁/房/； /第三/是/通过/定向/销售/经济/适用房/, /解决/拆迁/ 中的 Lex-ambi /中低收入/家庭/住房/问题/。 /

/从/2003年/至/2005年底/, /天津市/用于/社会/保障/的/住房/投资/累计/达/8.93亿/元/, /其中/财政/预算/6700万/元/, /公积金/增值/收益/4.25亿/元/, /其他/方面/投资/4.01亿/元/。 /

/天津市/国土/房管局/介绍/, /从/2004年/7月/天津市/正式/开始/接受/廉租房/配租/申请/至今/, /天津市/已经/有/1327/户/ “/双困/” /家庭/符合/廉租房/配租/条件/。 /今年/天津市/还/将/向/2000/户/拆迁/ “/双困/” /家庭/提供/廉租房/, /其/租金/价格/仍/保持/1/元/平方米/。 /

/为/确保/真正/让低/保户/受益/的/原则/, /廉租房/具有/退出/机制/。 /对于/不再/具备/配租/廉租/住房/条件/的/家庭/(含/在/承租/期限/内/的/家庭/), /应/在/接到/退出/通知/后/的/6/个/月/内/腾退/住房/。 /

/对于/不/能/按时/腾退/的/, /从/次/月/起/按/届时/配租/租金/的/200次/月 proper name-unk /起/按/届时/配租/租金/的/300

/广州/：/变补/ “/砖头/” /为/补/ “/人头/” /

/广州/市民/谭兴兰和/ person name-unk 女儿/多/年来/一直/住/在/6/平方米/大/的/房子/里/。 /在/2001年/的/时候/谭/兴兰/通过/抽签/拿/到/了/号/, /排队/等/了/3年/却/拿/不到/房/。 /王/大爷/从/去年/开始/申请/北京市/的/廉租房/, /也/一直/未能/如愿/。 /这两/个/例子/说明/, /大城市/用来/配



租的/廉租房/房子/太/少/, /而/申请/的/人/又/太/多/, / “僧多粥少” /的/矛盾/在/短期/内/难以/得到/解决/。 /目前/, /部分/城市/的/廉租房/建设/还/没有/建立/稳定/的/资金/来源/渠道/, /部分/城市/财政/预算/也/存在/安排/资金/不足/问题/。 /

/2005年初/, /广州市/开始/实行/新/的/廉租房/政策/, /从/补/ “砖头” /转变/为/补/ “人头” /。 /政府/不再/忙碌/于/建房子/, /而是/实施/以/ “租赁/住房/补贴” /为主/的/方式/, /走/市场化/的/道路/, /成为/合理/统筹/社会/资源/的/无形/之/手/。 /2005年底/, /在/一/年/的/时间/里/, /包括/谭/兴兰/在/内/的/广州/3246/户/双/特困户/ proper name-ambi /住/上/了/新/的/廉租房/, /相当于/此前/10/多/年/的/推动/进度/。 /广州市/房管局/有关/负责人/认为/, /通过/市场化/解决/困难户/的/住房/问题/, /初步/证明/是/一举两得/的/有效/策略/。 /一/是/使/受惠/面/扩大/的/同时/, /照顾/了/不同人/的/需求/。 /二/是/对于/已经/相当/活跃/的/我国/二手/房产/市场/来说/, /可以/更/充分/地/利用/市场/资源/。 /

/岳阳/ : /破解/廉租房/三/大/难题/

/与/70/个/城市/尚未/建立/廉租房/制度/截然/相反/的/是/, /经过/5/年/的/努力和/探索/, /湖南/岳阳市/成功/破解/了/廉租房/推行/过程/中的/房源/少/经费/紧/、 /贫民窟/趋势/明显/、 /住户/不肯/腾退/等/三/大/难题/, /充分发挥/了/廉租房/的/住房/保障/作用/。 /

/2001年/岳阳市/启动/廉租房/建设/时/, /全市/共有/最低/收入/无房/户/家庭/3000/多/户/, /住房/困难户/家庭/6000/多/户/, /还有/不少/居住/危旧房屋/的/贫困户/。 /岳阳市/政府/承诺/2008年/全面/解决/无/房/困难/家庭/的/住房/问题/。 / /

/岳阳市/房地局/为了/筹集/资金/, /多管齐下/, /争取/将/廉租房/建设/专项/资金/纳入/政府/财政/预算/, /确保/每年/不/少于/300/户/享受/到/政府/租赁/补贴/或/入住/廉租房/。 /建设/廉租房/或/发放/租赁/补贴/的/资金/以/财政/预算/专项/资金/为主/, /仅/2004年/市/财政/就/拨款/741万/元/。 /住房/公积金/增值/部分/、 /直管/公房/出售后/的/部分/净/归集/资金/以

及/已/建成/的/廉租房/在/实际/经营/过程/中/所得/的/收益/, /也/划归/廉租房/建设/资金/。 / /

/在/解决/资金/“/大头/”/后/, /岳阳市/利用/多种/渠道/建设/廉租房/。 /岳阳市/三五一/七/橡胶/总厂/是/上/世纪/50年代/初/创办/的/一/家/老/军/工/企业/, /针对/工厂/住房/困难/问题/, /岳阳市/房地局/主动/上门/服务/, /与/该厂/联合/兴建/4/栋/近/9/千/平方米/的/廉租/住宅/, /一/举/解决/了/132/户/最低/收入/家庭/的/住房/问题/。 /

/岳阳市/廉租房/的/建设/调动/了/全社会/的/力量/, /一些/商品房/开发商/也/积极/投入/到/廉租房/建设/中来/。 /

/在/廉租房/的/实施/过程/中/, /实现/资金和/住房/的/“/循环/利用/”/至/关/重要/。 /为/切实/保证/廉租/住房/真正/用于/解决/最低/收入/家庭/的/居住/困难/, /岳阳市/租赁/住房/补贴/和/实物/配租/的/期限/暂定/为/一/年/。 /在/实际/工作/中/, /对/不/同意/腾退/的/住户/, /责成/其/按/当前/年度/市场/价格/出资/购买/或/按/市场价/租赁/。 /灵活/的/腾退/制度/, /既/避免/了/产生/难以/调和/的/“/搬家/”/矛盾/, /又/达到/了/住户/和/政府/“/双/赢/”/的/目的/。 / (记者/黄/玫/明星/张/涛/) /

/时评/: /政府/应该/将/部分/土地/收益/用于/廉租房/建设/

/廉租房/的/资金/应该/从/哪里/来/? /“/应该/从/政府/卖/土地/的/收入/中来/, /也/就/是/将/政府/高价/拍卖/土地/的/收入/补贴/到/廉租房/的/建设/上/。 /土地/拍卖/的/收入/占/许多/地方/收入/的/40

/多数/专家/建议/建立三/大/机制/保障/“/廉租/”/效用/

/“/全国/70/个/地级/以上/城市/尚未/实施/廉租/住房/制度/”/被/披露/后/, /廉租房/的/建设/成为/社会/各界/关注/的/焦点/。 /接受/记者/采访/的/多/个/专家认为/, /建/廉租房/只/是/住房/保障/体系/的/一/个/组成部分/。 /现在/, /亟待/建立/廉租房/的/认定/与/监管/机制/、/住宅/过滤/机制/、/政府/与/市场/的/协调/机制/等/三/大/根本性/制度/。 / /油价/上调/将/牵动/CPI/主/神经/行业/影响/及/各地/反应/



/成品油/价格/的/上调/是否/会/牵动/CPI/（/消费者/价格/指数/）/走/高/?/对/国家/宏观/经济/政策/尤其是/货币/政策/会/有/什么样/的/影响/?/对/这些问题/, /经济学家/ 张/卓元和 person name-ambi /哈继铭/各自/发表/了/看法/。/

/“理论/上/, /在/一些/假设/条件/成立/的/前提/下/, /油价/上涨/10

/哈继铭/认为/, /随着/CPI/的/走/高/, /经济/出现/通货/紧缩/的/压力/将/逐步/减小/。/至于/经济/是否/会/因此/出现/通胀/的/压力/, /他/认为/关键/要/看/能否/控制/固定资产/投资/的/快速/增长/。/他/建议/, /政府/应/专门/制订/以/控制/固定资产/投资/的/快速/增长/为/目的/的/短期/货币/政策/, /防止/经济/出现/过热/。/

/“油价/上涨/会/推动/CPI/上涨/, /但/影响/的/幅度/相对/有限/”/, /经济学家/张/卓元/态度/谨慎/。/他/认为/, /随着/国际/原油市场/价格/的/继续/上升/, /国内/的/油价/还有/上涨/空间/。/而/油价/应该/上涨/, /因为/油价/太/低/, /不利于/我国/能源/的/节约/。/

/张/卓元/还/表示/, /今年/3月/上调/成品油/价格/时/, /曾/推出/一/系列/相关/的/配套/措施/, /包括/对/部分/弱势/和/公益性/使用/群体/提供/相应/的/补贴/等/。/经过/近/两/个/月/的/时间/, /相关/机制/已经/建立和/完善/, /为/价格/的/再次/上调/提供/了/较/好/的/社会/环境/。/

/张/卓元/还/认为/, /油价/上涨/并/不会/给/货币/政策/等/带来/明显/影响/。/(记者/卢/晓平/)

/ /各地/反应//

/南京/: /加油站/生意/未/减/

/昨天/是/ 新/一/轮 /成品油/调价/的/第一/天/。/在/南京/中山南/路/一中/石化/加油站/, /昨天/上午/前来/加油/的/车辆/仍然/络绎不绝/。/从/早上/7/点/到/下午/2/点/半/, /估计/一/台/加油/机能/出/油/5000/公升/左右/, /与/平时/差不多/。/工作/人员/表示/, /此前/一/天/晚上/许多/车手/闻/风/赶/在/调

价/前/“突击/加油/”/, /一直/忙/到/晚上/12/点/, /加油站/内外/挤/得/水泄不通/。/

/由于/油品/涨价/的/消息/来得/比较/突然/, /昨天/上午/还有约/半数/加油/的/客户/不知/调价/的/事/。/

/北京/: /的哥/每天/可能/多/花/20/元/

/昨天/凌晨/零时/起/, /北京市/成品油/价格/上涨/。/的哥们/介绍/, /一辆/单/班/出租/每天/耗油/约/40/升/, /此次/涨价/让/他们/每天/多/支出/20/元/油/钱/。/“/等于/要/多拉/两/个/活/。/”/的哥/韩/师傅/说/, /自从/出租/涨/成/2/元/每/公里/后/, /营业额/比/以前/有所/减少/, /“/打车/的/人/少/了/。/”/此番/油价/上涨/, /他们/的/运营/压力/再次/加大/。/

/此前一天/下午/, /得知/这/一/消息/的/司机/纷纷/加油/, /各/加油站/前排/起/了/长龙/。/前来/加油/的/人/大多/是/在/下午/从/广播/或/亲友/处/知道/的/消息/。/一位/私家车/司机/说/, /下午/已经/加/了/100/元/的/油/, /收到/油价/上涨/的/消息/后/, /又/来/加/了/60/元/的/油/。/

/广州/: /该/用车/还/是/要/用/

/从/昨天/零点/开始/, /广东省/成品油/价格/统一/上涨/, /其中/, /97/号/高标准/清洁/汽油/突破/5/元/升/的/大关/, /升/至/5.35/元/升/的/历史/高位/, /与/之前/4.88/元/升/的/价格/相比/, /涨幅/为/9.6

/在/中山大学/附近/一中/石油/加油站/, /七八/名/的士/司机/得知/成品油/调价/后/, /第一/反应/都/是/喊贵/。/一名/的哥/称/, /出租车/一/个/班/一/天/跑/路/为/20/里/左右/, /耗油/20/升/上下/。/上次/调价/后/, /每月/要/多/支出/100/多/元/。/

/谈及/油价/上涨/, /市民/王/小姐/称/, /她/之前/已/从/其他/渠道/知道/今年/成品油/涨价/会/到位/, /估计/到/年底/达到/7/至/8/元/, /所以/已经/有/了/这个/心理/预期/。/“/既然/跟/市场/接轨/成为/必然/, /也/无可奈何/, /作为/私家/车主/, /买/车/是/自己/选择/, /所以/也/没什么/惊慌/可言/, /也/不会/减少/用车/。/但/会/从/97/号/油/降/为/93/号/油/。/”/

/市民/曾/小姐/表示/：/“/买/了/车/不用/，/岂不/是/一/堆/废铁/，/所以/该/用/还/是/要/用/，  
有/办法/。”/

/河南/：/车主/就/怕/一直/涨/下去/

/24日/零时/，/郑州市/一些/加油站/纷纷/换上/了/新/的/标价牌/。/不/少/私  
家/车主/表示/，/尽管/有/心理/准备/，/但/对/涨价/还/是/感/觉/到/了/压  
力/。/一/位/刚/加/过/油/的/富康/车主/李/先生/说/，/涨价/后/每月/油/钱/会/多/花/六  
七十/块/钱/，/虽然/能/承受/，/但/就/怕/一直/涨/下去/。/

/油价/上涨/前夜/加油站/出租车/司机/谈/影响/

/出租车/司机/李/军昌/算/了/一/笔/账/：/他/现在/开/的/这辆/“/吉利/”/平  
均/每月/跑/5000/公里/，/排量/1.3/升/，/大约/每/百/公里/耗/7/升/油/，/如  
果/油价/上涨/4/毛/钱/，/意味着/他/每月/要/多/支出/130/多/元/。/

### B.3 Texts of Technic

2.3/汉语/的/语法/层次/问题/ /构成/书面/语言/的/最/基本/单位/是/文  
字/（/如/字母/和/汉字/）/，/而/由/文字/构成/书面/语言/的/过程/并/不/是/简  
单/的/堆砌/，/而是/可以/划分/成/很多/个/语法/层次/。/一般/而言/，/这  
些/层次/大致/包括/：/字母/（/汉字/）/ /词素/（/语素/）/ /词  
语/ /短语/ /句子/ /句群/ /段落/ /篇章/。/语言/的/这  
些/语法/层次/并/不/是/人为/规定/的/，/而是/语言/中的/客观/存在/。/  
/在/不同/的/自然/语言/中/，/虽然/的/语法/层次/是/基本/相同/的/，/然  
而/各种/语法/层次/的/特点/和/重要性/却/不/尽/相同/。//语法/层次/的/存  
在/为/自然/语言/的/分析/提供/了/方便/。/实际上/，/几乎/所有/的/自  
然/语言/分析/算法/都/是/按照/词语/ /短语/ /句子/这/几/个/层  
次/的/顺序/进行/的/。/可以/想象/，/如果/所有/的/语言/都/没有/这种/语  
法/层次/，/而是/像/中国/的/古籍/那样/，/由/汉字/（/或/字母/）/直接/组成/大/篇  
/的/文章/，/那么/计算机/分析/真是/无从下手/了/。//我们认为/，/汉  
语/分析/的/困难/，/在/相当/程度/上/是/由于/我们/对于/汉语/语法/层

次/的/认识/不够/清楚/, /所/采用/的/汉语/分析/算法/与/相应/的/汉语/语法/层次/特点/不/相/适应/所/造成/的/。/2.3.1/汉语/语法/层次/的/模糊/性/ /在/英语/中/, /由于/存在/形态/上/的/差别/, /这些/语法/层次/是/很/容易/区分/的/。/而/在/汉语/中/, /由于/不/存在/形态/上/的/明显/差异/以及/汉语/的/书写/习惯/问题/, /语法/层次/的/区分/就/存在/一定/的/困难/, /而/这种/困难/就/导致/了/汉语/语法/层次/的/模糊/性/。//由于/汉语/的/词语/之间/没有/空格/做/间隔/, /产生/了/汉字/层/与/词语/层/的/模糊/性/。/这种/模糊/性/导致/了/汉语/词法/分析/的/困难/, /包括/切词/的/困难/和/未/登录/词/识别/的/困难/。//汉语/的/词语/层/和/短语/层/之间/也/存在/模糊/性/。/一/个/明显/的/特征/就是/ 离合词 /, /离合词合/的/时候/表现/为/词/, /而/分/的/时候/连同/其/插入/部分/又/表现/为/短语/。//汉语/的/短语/层/和/句子/层/之间/更/没有/明确/的/界限/。/这/是/因为/汉语/句子/的/构造/原则/与/短语/的/构造/原则/基本/一致/, /从/短语/到/句子/只/是/一/种/实现/关系/。/汉语/句子/中/没有/明确/的/中心/动词/。//汉语/的/句子/和句群/之间/同样/没有/明确/的/界限/。/很多/情况/下/句号/换成/逗号/并/不算/错/。//从/以上/分析/可以/看出/, /汉语/中/虽然/也/存在/语法/层次/, /但/汉语/语法/层次/的/划分/并/不象/英语/那么/清晰/, /而是/具有/一定/的/模糊/性/, /这种/模糊/性/是/导致/汉语/分析/困难/的/一/个/重要/原因/。/2.3.2/汉语/的/词语/层次/与/英语/词语/层次/的/不平行/性//英语/词语/的/判定/非常/简单/。/凡是/在/句子/中/以/空格/隔开/的/字母字母/串都/是/词/。/汉语/词语/的/判定/却/很/复杂/。/在/有关/汉语/切/分/的/国家标准/中/, /关于/什么/情况/下/该/切/, /什么/情况/下/不/该/切/, /有/一/套/复杂/的/规定/。/在/实际/的/汉英/机器/翻译/系统/的/词典/建设/中/, /词语/的/选择/也/是/一/个/难题/, /有些/词/选/入/词典/中/可以/使/翻译/达到/比较/好/的/效果/, /但/又/会/造成/一些/不必要/的/ 切/分歧义 /。//英语/词素/组合/成/词/的/方式/非常/简单/, /词素/与/词素/之间/没有/复杂/的/关系/。/汉字/组合/成/汉语/词/的/方式/却/非常/复杂/, /有/主谓/、/述宾/、/述补/、/定/中/、/状/中/、/联合/等等/。/实际上/, /汉语/词语/、/短语/、/句子/的/构成/方式/是/基本/相同/的/。/

/英语/词语/是/不可/拆分/的/, /英语/的/词素/都/必须/先/组合/成/词语/, /然后/才/结合/成/短语/。/汉语/词语/却/不/一定/。/典型/的/情况/就/是/离/合/词/和/语素字/。/离/合/词/和/语素字/的/情况/说明/, /汉字/可以/不/经过/词语/层次/, /直接/和/其他/汉字/和/词语/组合/成/短语/。//由此/我们/可以/看出/, /汉语/词语/所/处/的/语法/层次/与/英语/词语/是/不同/的/, /汉语/词语/具备/了/很多/英语/短语/才/具有/的/特点/。/2.3.3/汉语/句子/层次/与/英语/句子/层次/的/不平行/性/ /在/现有/的/形式/语法/体系/中/, /句子/作为/一/个/独立/的/语法/层次/往往/具有/重要/的/意义/。/在/Chomsky/语法/理论/中/, /句子/作为/推导/的/起始/符号/, /是/定义/一/个/文法/的/四/元/组/中/的/一/项/。/所有/的/语法/分析/算法/也/是/以/得到/一/个/句子/作为/分析/的/结束/。/这种/情况/反映/了/句子/层次/在/英语/ ( /以及/其他/一些/语言/ ) /语法/中的/重要/地位/。//而/在/汉语/中/, /句子/并/没有/这么/重要/的/地位/。/因为/汉语/句子/的/构造/原则/与/短语/的/构造/原则/基本/一致/, /从/短语/到/句子/只/是/一/种/实现/关系/, /所以/汉语/的/主谓/结构/实际上/属于/短语/层/的/范畴/, /与/英语/中的/句子/没有/对应/关系/。/汉语/中/以/句号/ ( /包括/问号/和/叹号/ ) /结尾/的/“/句子/” /实际上/与/英语/的/句子/也/不/是/处在/同一/个/语法/层次/, /而是/在/很多/情况/下/对应/英语/中的/一/个/或/多/个/句子/, /即/句群/, /有时/也/可以/是/单个/的/词/或/短语/。/2.3.4/现行/的/汉语/分析/算法/与/汉语/语法/层次/的/特点/不/相/适应//现有/的/自然/语言/分析/算法/所/采用/的/分析/层次/都/是/ : /词语/      /短语/      /句子/。/相应/的/汉语/分析/算法/也/分为/词法/分析/和/句法/分析/两/个/阶段/。/在/词法/分析/阶段/, /基本/的/分析/算法/都/是/基于/乔/姆/斯/基/的/三/型/语法/, /即/正则/语法/。/而/在/短语/和/句子/层次/采用/的/基本/算法/是/乔/姆/斯/基/的/二/型/语法/, /即/上下文/无关/语法/。//现行/的/汉语/分析/算法/采用/的/也/是/这种/模式/。/然而/, /由于/汉语/语法/层次/的/特点/, /简单地/套用/这种/模式/并/不/合适/, /汉语/语法/分析/的/很多/困难/也/是/由此/造成/的/。//英语/的/词法/分析/是/非常/简单/的/, /而/汉语/的/词法/分析/却/要/处理/词语/切/分、/未/登录/词/识别/、/离/合/词/、/语素字/等/问题/, /非

常/复杂/。/在/实际/的/汉英/机器/翻译/系统/中/，/词法/分析/程序/的/程序/量/甚至/比/句法/分析/程序/还/多/得/多/。/造成/这种/情况/的/原因/就/在于/汉语/词语/层次/与/英语/词语/层次/不平行/。/汉语/词语/的/构成/规律/实际上/与/汉语/短语/的/构成/规律/是/基本/一致/的/，/用/简单/的/正则/语法/无法/处理/，/而/我们/现在/采用/的/是/打/补丁/的/方法/，/为/词语/切/分/、/未/登录/词/识别/、/离/合/词/和/语素字/的/处理/都/编制/专门/的/程序/，/结果/是/算法/变得/特别/复杂/，/效果/也/不/理想/。/汉语/句子/层次/与/英语/句子/层次/的/不平行/性/，/同样/也/给/汉语/的/分析/造成/了/问题/。/由于/汉语/的/句子/常常/对应/着/英语/中的/句群/，/很多/在/英语/中/句子/中/不/太/常见/的/语言/现象/，/在/汉语/的/句子/中/变得/很/常见/。/典型/的/是/汉语/的/承/前/省略/现象/，/在/汉语句子/中/非常/常见/，/[8]一文/对/这种/现象/作/了/比较/深入/的/分析/。/这种/现象/仅仅/用上/下文/无关/语法/很/难/处理/。/ 2.3.5/对/汉语/分析/算法/进行/改进/的/初步/设想/ /由于/汉语/的/语法/层次/和/英语/的/语法/层次/存在/不平行/性/，/而/现有/的/汉语/分析/算法/是/根据/英语/的/分析/算法/照搬/过来/的/，/很多/地方/不/符合/汉语/语法/层次/的/特点/，/因此/我们/认为/，/有/必要/对/汉语/的/分析/算法/进行/改进/。/对于/汉语/的/词语/层次/与/英语/的/词语/层次/不平行/的/问题/，/我们/认为/改进/的/方法/是/：/把/汉字/层次/而/不/是/词语/层次/作为/句法/分析/的/起点/，/把/词语/切/分/、/未/登录/词/识别/、/离/合/词/和/语素字/等/问题/都/放到/句法/分析/阶段/，/用/统一/的/算法/框架/进行/处理/。/这样/做/的/原因/是/汉语/词语/的/组成/规律/与/汉语/短语/的/组成/规律/是/类似/的/，/这种/规律/本来/就/是/简单/的/正则/语法/所/无法/刻划/的/，/而/必须/用上/下文/无关/语法/来/刻划/。/对于/汉语/的/句子/层次/与/英语/的/句子/层次/不平行/的/问题/，/我们/认为/应该/在/句子/层次/适当/引入/对/汉语/子句间/关系/的/分析/，/如/话题/转移/分析/，/成分/省略/分析/等等/。/只有/这样/，/才能/对/汉语/的/句子/得到/一/个/比较/完整/的/认识/。/以上/只/是/我们/为/克服/汉语/分析/中的/困难/提出/的/两/个/初步/设想/，/具体/实施/的/时候/肯定/会/遇到/各种/各样/的/问题/，/我



们/将/进行/进一步/的/研究/。 / /基于/最/大/熵/模型/的/组块/分析/??/  
/李/素建/, /刘/群/, /杨/志峰/ ( /北京/大学/计算/语言学/研究所/北京/100871/ )  
E-mail: lisujian@pku.edu.cn/ /摘要/本文/采用/最/大/熵/模型/实现/中文/组  
块/分析/的/任务/。 /首先/我们/明确/了/中文/组块/的/定义/, /并且/列  
出/了/模型/中/所有/的/组块/类型/和/组块/标注/符号/。 /组块/划分/和/识  
别/的/过程/可以/转化/为/对于/每/一/个/词语/赋予/一/个/组块/标注/符  
号/的/过程/, /我们/可以/把/它/作为/一/个/分类/问题/根据/最/大/熵/模  
型/来/解决/。 /最/大/熵/模型/的/关键/是/如何/选取/有效/的/特征/, /文  
中/给出/了/相关/的/特征/选择/过程/和/算法/。 /最后/给出/了/系统/实  
现/和/实验/结果/。 / /关键词/组块/分析/ ; /语法/分析/ ; /最/大/熵/原  
理/ ; /浅/层/分析/ /中/图/法/分类/号/ : /TP3/文献/标识/码/ : /A/ 1/引言/ /句  
法/分析/是/自然/语言/处理/中/的/重点/和/难点/, /虽然/经过/几十/年/的/研  
究/和/发展/, /仍/是/现在/的/一/个/瓶颈/问题/。 /因此/目前/通常/采用/ “/分/而/治/之/” /原  
则/, /降低/完全/句法/分析/的/难度/, /进行/部分/的/句法/分析/, /也/称  
作/组块/分析/。 /它/是/和/完全/句法/分析/相对/的/。 /完全/句法/分析/着  
眼于/充分/分析/整个/句子/的/语法/特点/, /最/大/限度/地/揭示/句子/所/反  
映/的/主题/内容/。 /而/组块/分析/只限于/把/句子/解析/成/较/小/的/单  
元/, /而/不/揭示/这些/单元/之间/的/句法/关系/。 /组块/分析/目前/逐  
步/受到/重视/, /国际/会议/CoNLL-2000/把/它/作为/共享/任务/提出/[1]。 /Abney[2]/总  
结/了/英语/中/的/各种/基本/组块/ ( /名词/组块/, /形容词/组块/, /动  
词/组块/等/ ) /。 /而/目前/对于/中文/组块/的/研究/主要/侧重/于/最长/名  
词/短语/、/基本/名词/短语/等/的/研究/[3,4] / , /系统/的/汉语/组块/及  
其/划分/的/研究/还/很/少/。 / /在/自然/语言/处理/中/有/不少/统计/建  
模/的/例子/, /由于/最/大/熵/模型/的/简洁/、/通用/和/易于/移植/, /目  
前/在/对/英语/的/处理/中/经常/采用/该/技术/[5,6,7,8] /。 /汉语/中/词性/标  
注/和/短语/边界/识别/多/使用/HMM/的/统计/模型/[3,9] / , /还/未/见/有/论  
文/或/资料/谈到/使用/最/大/熵/的/方法/。 /本文/结合/汉语/语言/的/特  
点/, /实现/了/一/个/基于/最/大/熵/模型/的/组块/标注/器/获得/汉语/中/各  
种/类型/的/组块/, /并/采用/宾州/大学/的/真实/语料/进行/训练/和/测



试/, /组块/的/ 召回/率 /达到/90.6/精确/率 /达到/91.9/本文/中/, /第2/节明确/了/对/中文/组块/的/定义/, /并列出/各种/组块/类型/和/组块/标注/符号/; /第3/节/简要/介绍/了/组块/分析/采用/的/最/大/熵/模型/; /第4/节/阐述/了/最/大/熵/模型/建立/特征/集合/的/过程/; /第5/节/描述/了/如何/进行/模型/测试/, /并/给出/了/实验/结果/。/最后/对/全文/进行/总结/。/

## B.4 Texts of Politic

/吴/邦国/在/中/希/经贸/合作/论坛/上/的/演讲/(/全文/)

5月/23日/, /正/在/希腊/进行/正式/友好/访问/的/中国/全国/人大/常委会/委员长/吴/邦国/在/雅典/出席/中/希/经贸/合作/论坛/开幕式/, /并/发表/重要/演讲/。/新华社/记者/姚/大伟/摄/

/新华/网/雅典/5月/23日/电/中国/全国/人大/常委会/委员长/吴/邦国/23日/在/中/希/经贸/合作/论坛/上/发表/重要/演讲/。/演讲/全文/如下/: /

/中/希/携手/再创/辉煌/

/ 在/中/希/经贸/合作/论坛/上/的/演讲/

/中国/全国/人大/常委会/委员长/ 吴/邦国/

/ (2006年/5月/23日/ 雅典/) /

/尊敬/的/贝/纳/基/议长/, /女士/们/、/先生/们/、/朋友/们/: /

/在/我/对/文明/古国/希腊/进行/正式/友好/访问/的/时候/, /有/机会/出席/中/希/经贸/合作/论坛/, /与/各位/新老朋友/见面/, /感到/十分/高兴/。/首先/, /我/谨/对/论坛/的/召开/表示/热烈/祝贺/, /向/与会/的/各界/朋友/表示/诚挚/问候/。/

/我/是/第一/次/访问/希腊/。/百闻/不如/一见/。/一/踏上/这/片/神奇/的/土地/, /我们/就/被/贵国/山/海/掩映/的/风光/、/随处可见/的/历史/和/熠熠/生辉/的/文化/所/吸引/。/希腊/是/西方/文明/的/摇篮/、/奥林匹克/的/故

乡/、/欧洲/对外贸易/的/发源地/，/为/人类/社会/的/文明/进步/作出/了/重要/贡献/。/2 0 0 4 年/又/成功/举办/了/第 2 8 /届/奥运会/，/再次/向/世人/展示/了/希腊/的/古老/文明/与/时代/风貌/。/作为/希腊/人民/的/真诚/朋友/，/中国/人民/对/希腊/人民/所/创造/的/古代/文明/奇迹/和/现代/文明/成果/感到/由衷/钦佩/！！/

/女士/们/、/先生/们/、/朋友/们/！！/

/一/谈起/中国/，/有些/外国/朋友/首先/想到/的/是/广袤/的/土地/、/众多/的/人口/和/古老/的/长城/。/在这里/，/我/要/向/大家/介绍/的/是/，/改革/开放/2 8 /年来/，/一/个/走向/现代化/的/新中国/。/

/中国/是/快速/发展/的/国家/。/发展/是/中国/的/第一/要务/。/中国/自/上/世纪/7 0 /年代/末/实行/邓/小平/先生/倡导/的/改革/开放/政策/以来/，/综合国力/不/断/增强/，/人民/生活/水平/日益/提高/。/从/1 9 7 8 年/到/2 0 0 5 年/，/国内/生产总值/从/2 1 6 /5 亿/美元/增加到/2 . 2 3 万/亿/美元/，/年均/增长/9 . 6 %/。/人均/国内/生产总值/由/2 2 6 /美元/增加到/1 7 /0 7 /美元/，/增长/了/近/7 /倍/。/粮食/产量/从/3 亿/吨/增产/到/4 . 8 亿/吨/，/成功/解决/了/占/世界/近/2 2 %/人口/的/吃饭/问题/。/高速公路/上/世纪/9 0 /年代/初期/几乎/为/零/，/现/总/里程/已/达/4 . 1 万/公里/，/居/世界/第二/。/2 0 0 5 年/港口/货物/吞吐量/达/4 9 亿/吨/、/国际/集装箱/吞吐量/达/7 5 8 /0 万/标准箱/，/都/为/世界/第一/。/城乡/居民/年均/收入/分别/增长/5 . 1 /倍/和/5 . 2 /倍/，/人均/住房/面积/，/城市/居民/从/6 . 7 /平方米/提高/到/2 5 /平方米/，/农村/居民/由/8 . 1 /平方米/提高/到/2 9 / . 7 /平方米/。/汽车/已经/走入/寻常/百姓家/，/2 0 0 5 年/轿车/销售量/已/达/3 1 3 万/辆/。/人/的/平均/寿命/从/1 9 4 9 /年/前/的/3 5 /岁/上升/到/7 2 /岁/，/超过/中等/收入/国家/的/平均/水平/。/基本/普及/了/九/年/义务教育/，/基本/扫除/了/青壮年/文盲/，/在校/大学生/人数/从/1 9 7 8 年/的/8 6 万/人/增加/到/2 0 0 5 年/的/1 5 6 2 /万/人/。/上网/用户/总数/突破/1 亿/。/固定/及/移动电话/用户/总数/达到/7 . 4 /3 亿/。/农村/贫困/人口/从/2 . 5

亿/人/减少/到/2 3 6 / 5 万/人/。/据/世界/银行/评估/, /近/2 0 /年来/, /中  
国/的/减贫/人数/约/占/发展中国家/减贫/人数/的/ 7 5 %/。/

/ 中国/是/对外开放/的/国家/。/对外开放/是/中国/的/基本/国策/。/邓/小  
平/先生/曾/说/ : / “/任何/国家/要/发达/起来/, /闭关自守/都/不/可能/。/” /从/ 1  
9 8 0 年/起/, /中国/先后/在/深圳/、/珠海/、/汕头/、/厦门/和/海南/建  
立/了/5 /个/经济/特区/。/ 1 9 8 4 年/, /进一步/开放/了/上海/、/天  
津/、/广州/等/ 1 4 /个/沿海/城市/。/ 1 9 8 5 /年后/, /陆续/将/长江/三  
角洲/、/珠江/三角洲/、/闽南/三角/地区/、/山东/半岛/、/辽东/半岛/、/河  
北/、/广西/辟/为/经济/开放区/, /形成/沿海/经济/ 开放带 proper name-  
ambi /。/ 1 9 9 0 年/, /中国/政府/决定/开发/开放/上海/浦东/新区/, /并/开  
放/一/批/长江/沿岸/城市/, /形成/以/浦东/为/龙头/的/长江/开放/带/。/ 1  
9 9 2 年/以来/, /一/批/边疆/城市/和/内陆/所有/的/省会/、/自治区/首  
府/城市/对外开放/。/中国/政府/先后/批准/建立/了/5 4 /个/经济/技  
术开发区/, /5 3 /个/高新技术/产业/开发区/, / 1 4 /个/边境/经济/合  
作区/, / 1 2 /个/旅游/度假区/, /5 7 /个/出口/加工区/, / 1 5 /个/保  
税区/和/ 2 5 3 /个/一类/口岸/。/中国/已经/形成/沿海/、/沿江/、/沿  
边/、/内陆/地区/相结合/的/全方位/、/宽/领域/、/多层次/的/对外开  
放/格局/。/ 2 0 0 1 年/ 1 2 月/ 1 1 日/, /中国/正式/成为/世界/贸  
易/组织/的/成员/, /标志/着/中国/对外开放/进入/新/阶段/。/ 2 8 /年  
来/, /中国/进出口/贸易/总额/从/ 2 0 / 6 亿/美元/增加/到/ 1 . 4 2  
万/亿/美元/, /年均/增长/超过/ 1 7 %/, /已/成为/世界/第三/大/贸易  
国/。/其中/, /进口/年均/增长/ 1 6 %/以上/, /去年/进口额/达/ 6 6  
0 0 亿/美元/。/实际/利用/外商/直接/投资/累计/超过/ 6 2 0 0 /亿/美  
元/, /连续/ 1 3 年/居/发展中国家/之/首/。/外汇/储备/由/ 1 9 7 8  
年/的/ 1 . 6 7 亿/美元/增加/到目前/的/ 8 7 0 0 /多/亿/美元/, /位  
居/世界/第一/。/有/ 5 5 万/多/家/外资/企业/正/在/中国/创业/发展/。/世  
界/ 5 0 0 /强/企业/绝大部分/都/在华/投资/, /一些/跨国公司/还/将/其/亚  
太/总部/和/研发/中心/转移/到/中国/。/有/ 5 0 /多/个/国家/先后/承认/中  
国/的/完全/市场经济/地位/。/改革/开放/前/, /中国/只有/ 7 /条/国际/航

线/, /通往/1 0 /个/国家/, /现在/有/2 3 3 /条/国际/航线/把/中国/与/世界/各地/紧密/相连/。/中国/接待/入境/旅客/由/1 9 7 8 年/的/1 8 0 /多/万/人次/增加/到/2 0 0 5 年/的/1 . 2 亿/人次/, /出境/人数/2 0 0 5 年/达/3 1 0 0 /多/万/人次/。/中国/对/世界/经济/增长/的/贡献率/超过/1 0 %/, /对/全球/贸易/增长/的/贡献率/超过/1 2 %/。/

/ /中国/是/民主/法治/的/国家/。/依法治国/是/中国/的/基本/方略/。/1 9 4 9 /年/中/华/人/民/共/和/国/诞/生/, /中/国/人/民/从/此/站/起/来/了/, /开/创/了/中/国/历/史/上/从/未/有/过/的/人/民/当/家/作/主/的/新/纪/元/。/中/国/宪/法/明/确/规/定/: /“中/华/人/民/共/和/国/的/一/切/权/力/属/于/人/民/。”/建/国/以/来/, /中/国/从/本/国/国/情/出/发/, /建/立/了/一/整/套/制/度/、/体/制/和/机/制/来/保/障/和/实/现/人/民/的/权/利/。/在/政/权/制/度/上/, /实/行/人/民/代/表/大/会/制/度/。/人/民/通/过/这/个/制/度/牢/牢/地/把/国/家/和/民/族/的/前/途/和/命/运/掌/握/在/自/己/手/中/。/各/级/人/民/代/表/大/会/都/由/民/主/选/举/产/生/, /对/人/民/负/责/, /受/人/民/监/督/。/在/中/国/, /除/依/法/被/剥/夺/政/治/权/利/的/以/外/, /凡/年/满/1 8 /周/岁/的/公/民/都/有/选/举/权/和/被/选/举/权/, /选/民/数/占/1 8 /周/岁/以/上/公/民/的/9 9 %/以/上/, /历/次/选/举/的/参/选/率/在/9 0 %/左/右/。/中/国/的/各/级/行/政/区/划/都/有/人/民/代/表/大/会/, /各/级/人/大/代/表/共/有/2 8 0 /多/万/人/, /他/们/来/自/方/方/面/面/, /具/有/广/泛/的/代/表/性/, /代/表/人/民/决/定/国/家/和/地/方/的/重/大/事/项/。/他/们/在/人/大/各/种/会/议/上/的/发/言/, /不/受/法/律/追/究/; /他/们/的/人/身/自/由/, /受/到/法/律/的/特/别/保/护/。/各/少/数/民/族/无/论/人/数/多/少/, /都/有/自/己/的/全/国/人/大/代/表/。/在/中/国/, /人/民/代/表/大/会/统/一/行/使/国/家/权/力/, /国/家/行/政/机/关/、/审/判/机/关/和/检/察/机/关/都/由/人/大/产/生/, /对/人/大/负/责/, /受/人/大/监/督/。/在/政/党/制/度/上/, /实/行/中/国/共/产/党/领/导/的/多/党/合/作/和/政/治/协/商/制/度/。/中/国/共/产/党/是/领/导/核/心/, /是/执/政/党/, /各/民/主/党/派/不/是/在/野/党/, /更/不/是/反/对/党/, /而/是/参/政/党/。/中/国/共/产/党/关/于/国/家/事/务/的/重/大/政/策/主/张/都/同/民/主/党/派/充/分/协/商/, /既/有/定/期/的/协/商/机/制/, /又/有/其/他/的/协/商/方/式/。/目/前/, /中/国/有/八/个/民/主/党/派/, /共/有/党/员/6

0/多/万/人/, /其中/1 7 . 6 万/人/担任/各级/人大代表/, /3 . 2 万/人/担任/县级/以上/领导/职务/。/中国/共产党/和/民主党派/的/合作/关系/是/在/中国/民族/解放/和/民主革命/的/斗争/中/形成/的/, /八/个/民主党派/同/中国/共产党/长期/共存/、/互相/监督/、/肝胆相照/、/荣辱与共/。/在/农村/和/社区/, /实行/基层/自治/制度/。/农村/行政村/建立/了/村民/委员会/, /城市/社区/建立/了/居民/委员会/。/在/基层/自治/制度/下/, /广大/村民/和/城市/居民/依法/行使/民主/选举/、/民主/决策/、/民主/管理/、/民主/监督/的/权利/, /自己/管理/自己/的/事务/。/邓/小/平/先生/曾/深刻/指出/, /为了/保障/人民/民主/必须/加强/法制/。/必须/使/民主/制度化/、/法律化/, /使/这种/制度/和/法律/不/因/领导人/的/改变/而/改变/, /不/因/领导人/的/看法/和/注意力/的/改变/而/改变/。/中国/已经/制定/了/2 2 0 /多/件/现行/有效/的/法律/、/6 7 0 /多/件/现行/有效/的/行政/法规/、/8 0 0 0 /多/件/现行/有效/的/地方性/法规/和/6 0 0 /多/件/自治/条例/和/单行/条例/。/以/宪法/为/核心/的/中国/特色/社会主义/法律/体系/基本/形成/, /国家/政治/、/经济/、/社会/生活/的/主要/方面/做到/有法可依/, /中国/公民/的/自由/和/权利/依法/得到/维护/和/保障/。/中国/宪法/明确/规定/, /尊重/和/保障/人权/, /公民/有/宗教信仰/自由/。/中国/已/先后/加入/了/2 1 /项/国际/人权/公约/。/妇女/、/未成年人/、/老年/人和/残疾人/的/权益/受到/宪法/和/法律/的/特别/保护/。/为了/提高/全社会/的/法律/意识/和/法制/观念/, /我们/已经/连续/开展/了/四/个/五/年/的/法制/宣传/教育/, /最近/中国/全国/人大/常委会/又/对/实施/第五/个/五/年/普法/规划/作出/了/决议/, /依法治国/的/理念/不断/深入人心/。/

/中国/又/是/世界/上/最/大/的/发展中国家/。/人口/多/、/底子/薄/、/发展/不/平衡/, /是/中国/的/基本/国情/。/中国/要/实现/现代化/还有/很/长/的/路/要/走/, /需要/几/代/人/、/十/几/代/人/、/甚至/十/几/代/人/的/不懈努力/。/今年/3 月/, /十/届/全国/人大/四/次/会议/通过/了/中国/未来/五/年/的/发展/规划/。/目标/是/在/优化/结构/、/提高/效益/和/降低/消耗/的/基础/上/, /保持/国内/生产总值/年均/增长/7 . 5 %/, /到/2 0 1 0 年/, /实现/人

均/国内/生产总值/比/2 0 0 0 年/翻/一番/, /单位/国内/生产总值/能源/消耗/比/2 0 0 5 /年末/降低/2 0 %/左右/。 /为/实现/这/一/目标/, /我们将/坚持/以/科学/发展观/统领/经济/社会/发展/全局/, /坚持/扩大/内需/的/方针/, /坚持/走/新型/工业化/道路/, /加快/经济/结构/调整/, /转变/经济/增长/方式/, /提高/自主/创新/能力/, /继续/深化/改革/, /不断/扩大/开放/, /促进/区域/协调/发展/, /加强/和谐/社会/建设/, /把/经济/社会/发展/切实/转入/科学/发展/的/轨道/。 /

/中国/是/世界/大家庭/中的/一/员/, /始终/坚持/走/和平/发展/道路/。 /中国/的/发展/与/世界/的/发展/息息相关/。 /1 3 亿/中国/人/过上/小康/生活/, /这/本身/就/是/对/世界/和平/、 /发展/和/稳定/的/重大/贡献/。 /中国/的/发展/也/给/包括/希腊/在/内/的/世界/各国/的/发展/带来/了/重要/机遇/。 /中国/稳定/和谐/的/政治/社会/环境/、 /丰富/良好/的/劳动力/资源/和/潜力/巨大/的/市场/, /为/与/世界/各国/开展/互利/互惠/的/经贸/合作/提供/了/理想/场所/。 /

/女士/们/、 /先生/们/、 /朋友/们/! /

/中国/和/希腊/虽然/远隔/千山万水/, /但/两/国/人民/的/友谊/源远流长/。 /1 9 7 2 年/中/希/建交/, /掀开/两/国/友好/的/新篇章/。 /3 4 /年来/, /在/相互/尊重/、 /平等/互利/的/基础/上/, /两/国/政治/关系/不断/加强/, /经贸/合作/持续/发展/, /人文/交流/日益/活跃/, /中/希/关系/迎/来/了/历史/上/最/好/的/时期/。 /2 0 0 0 年/, /江/泽/民/主/席/对/贵/国/进/行/了/国/事/访/问/, /这/是/中/国/国/家/主/席/首/次/访/希/, /双/方/表/示/将/致/力/于/在/新/千/年/把/中/希/互/利/友/好/合/作/提/高/到/新/水/平/。 /同/年/, /两/国/签/署/政/治/磋/商/协/议/, /政/治/互/信/进/一/步/增/强/。 /今/年/1 月/, /卡拉曼利斯 person name-ambi /总/理/成/功/访/华/, /与/胡/锦/涛/主/席/等/中/国/国/家/领/导/人/进/行/了/坦/诚/友/好/的/会/晤/, /双/方/宣/布/建/立/全/面/战/略/伙/伴/关/系/。 /中/希/双/方/在/许/多/重/大/国/际/问/题/上/有/着/相/同/或/相/似/的/看/法/, /在/联/合/国/等/国/际/组/织/中/相/互/协/调/与/配/合/。 /我/们/感/谢/希



腊/在/台湾/、/人权/等/问题/上/对/中国/的/理解/和/支持/，/赞赏/希腊/为/推动/中欧/关系/发展/所/做/的/不懈努力/。/

/双边/经贸/关系/一直/保持/良好/发展/势头/，/特别/是/近/五/年来/进入/了/高速/发展/阶段/。/2000年/贸易额/突破/了/5亿/美元/，/到/2005年/贸易额/达到/了/20.2/亿/美元/，/五年/增长/3/倍/多/。/目前/希腊/在华/直接/投资/项目/累计/58/个/，/协议/金额/1亿/多/美元/。/中/希/签订/的/工程/承包/合同/累计/金额/2.9/亿/美元/，/完成/营业额/2.4/亿/美元/。/双方/贸易/结构/不断/改善/，/中方/出口/产品/中/机电/和/高新技术/产品/比重/逐年/加大/，/希方/在/电信/等/领域/与/中方/进行/了/很好/的/合作/。/今年/以来/，/双方/有关部门/围绕/双边/贸易/已/举办/了/三/次/经贸/论坛/，/表达/了/两国/扩大/双边/贸易/合作/的/愿望/和/决心/。/

/女士/们/、/先生/们/、/朋友/们/！/

/中国/和/希腊/同/为/文明/古国/，/历史/文化/积淀/深厚/，/经济/发展/底蕴/坚实/，/虽然/两国/社会制度/不同/，/文化/传统/各异/，/但/中/希/之间/不/存在/历史/积怨/，/也/没有/根本/利害/冲突/，/相反/我们/有着/广泛/的/共同/利益/。/深化/中/希/经贸/合作/不仅/符合/两国/人民/的/根本/利益/，/也/是/发展/中/希/全面/战略/伙伴关系/的/重要/内容/。/我们/高兴/地/看到/，/中/希/双方/对/加强/互利/合作/、/提升/合作/质量/和/水平/的/热情/空前/高涨/。/今天/，/我/想/利用/中/希/经贸/合作/论坛/的/讲台/，/谈/一/谈/进一步/深化/中/希/经贸/合作/的/问题/。/

/一/是/深化/航运/、/造船/等/传统/领域/的/合作/。/双方/在/这/一/领域/合作/基础/良好/，/互补性/很强/。/中国/进口/的/原油/和/其他/大宗/进出口/商品/，/有/50%/以上/是/由/希腊/船队/承运/的/。/希腊/是/世界上/第一大/航运国/，/拥有/全球/最大/的/商船队/和/世界级/的/航运/枢纽/。/中国/是/世界/第三/大/贸易国/和/第三/大/造船/国/，/还拥有/丰富/的/海员/人力/资源/。/双方/应/开展/航运/、/造船/、/港口/建设和/海员/劳务/等/方面/的/战略合作/，/构建/长期/稳定/的/伙伴/关



系/, /实现/互利/ 双赢 proper name-ambi /。/中方/欢迎/有/实力/的/希腊/企业/到/中国/投资/造船/、/修船/项目/, /支持/有/实力/的/中国/企业/来/希腊/投资/港口/、/码头/等/设施/建设/, /并/愿/与/希方/共同/扩大/两/国/间/的/直达/海运/及/经/对方/港口/到/邻近/国家/或/地区/的/海上/中转/运输/。/

/二/是/拓展/旅游/、/奥运/等/新/领域/的/合作/。/中/希/两/国/历史/悠久/、/文化/灿烂/, /旅游/资源/十分/丰富/。/旅游业/是/希腊/的/传统/产业/, /在/希腊/国民经济/中/占有/举足轻重/的/地位/, /发展/旅游业/具有/丰富/的/经验/。/旅游业/在/中国/是/新兴/产业/。/中国/既/是/世界/上/最大/的/旅游/客源国/, /也/是/潜在/的/最大/旅游/市场/。/2 0 0 8 年/中国/北京/将/举办/第 2 9 /届/奥运会/。/希腊/既/是/奥运/的/发祥地/, /又/是/上/一/届/奥运会/的/举办地/, /在/举办/奥运会/和/发展/奥运/经济/方面/有/很多/独到之处/。/双方/在/旅游/和/奥运/领域/的/合作/, /互补性/也/很/强/, /商机/无限/, /潜力/巨大/。/希望/双方/有关部门/和/企业/抓住/机遇/, /广开/思路/, /积极/拓展/旅游/、/奥运/的/合作/方式/, /不断/提升/旅游/、/奥运/的/合作/水平/。/

/三/是/发挥/企业/在/经贸/合作/中的/重要/作用/。/企业/是/市场/活动/的/主体/, /也/是/双边/经贸/合作/的/主体/。/只有/企业/的/参与/, /双方/的/经贸/合作/才能/做/实/做/大/, /才能/具有/强大/的/生命力/。/目前/中/希/企业/合作/的/规模/还/不大/, /怎样/把/两/国/企业/加强/合作/的/强烈/愿望/转化/为/现实/, /是/我们/当前/面临/的/一/个/重大/课题/。/双方/应/把/加强/企业/合作/, /作为/深化/中/希/经贸/合作/的/优先/方向/, /积极/推动/有/实力/、/有/竞争力/的/企业/, /开展/多种/形式/的/投资/和/经济/技术/合作/。/两/国/政府/应/共同努力/, /继续/推动/贸易/和/投资/便利化/, /为/两/国/企业/的/互利/合作/创造/更好/的/条件/、/提供/更/多/的/支持/。/应/充分利用/现有/双边/经贸/混委会/、/经贸/论坛/等/机制/, /加强/对话/与/协商/, /妥善/解决/经贸/合作/中/出现/的/问题/。/

/女士/们/、/先生/们/、/朋友/们/!/ /

/在/人类/发展/历程/中/, /以/古代/中国/和/古代/希腊/为/代表/的/东西  
方/文明/曾经/彼此/交融/, /相映生辉/。/如今/, /历史/再次/让/两/个/文  
明/古国/联袂/牵/手/, /再创/辉煌/。/再/过/两/年/, /不/灭/的/奥林/匹亚/圣  
火/将/传递/到/万里长城/, / “/希腊/文化/年/” /也/将/在/中国/拉开/帷  
幕/。/让/我们/携起手来/, /抓住/千载难逢/的/历史/机遇/, /开拓/中/希/经  
贸/合作/的/崭新/天地/, /为/两/国/的/经济/发展/和/人民/福祉/, /为/世  
界/的/繁荣/与/和谐/作出/新/的/贡献/。/

/最后/, /祝/中/希/经贸/合作/论坛/圆满/成功/!/ /

/谢谢/大家/。/

## B.5 Mistakes Analyse

Examples of Mistake	Source	Type of Mistake	Source of Mistakes
<u>刹车/块</u>	Terminological Terms	proper name	Ambiguity
<u>促销/架</u>	Terminological Terms	proper name	Ambiguity
<u>年生产能力</u>	Terminological Terms	proper name	Ambiguity
<u>/主产/品</u>	Terminological Terms	proper name	Ambiguity
<u>硝酸铵/钙/</u>	Terminological Terms	proper name	Ambiguity
<u>小/夜/灯/。 /</u>	Terminological Terms	proper name	Unknown Word
<u>/中/弘远/程</u>	Terminological Terms	proper name	Unknown Word
<u>/两/大部分</u>	Terminological Terms	proper name	Ambiguity
<u>计量/柜</u>	Terminological Terms	proper name	Ambiguity
<u>/单/温/、</u>	Terminological Terms	proper name	Unknown Word
<u>/单/湿控/制/</u>	Terminological Terms	proper name	Ambiguity
<u>/和黄陂区/</u>	Terminological Terms	conjunction	Ambiguity
<u>/奥星卫/具有/限公司</u>	Terminological Terms	proper name	Ambiguity
<u>/轮/纹/净/</u>	Terminological Terms	proper name	Unknown Word
<u>/排/渣</u>	Terminological Terms	proper name	Unknown Word
<u>/第一/步/, /</u>	Terminological Terms	proper name	Ambiguity
<u>/机/温/低/</u>	Terminological Terms	proper name	Unknown Word
<u>/记录/仪</u>	Terminological Terms	proper name	Ambiguity

Examples of Mistake	Source	Type of Mistake	Source of Mistakes
<u>华/科/能/</u>	Terminological Terms	proper name	Unknown Word
<u>/15/天双飞</u>	Terminological Terms	Date	Ambiguity
<u>3,4-/二氨基/甲苯/硫酸盐/</u>	Terminological Terms	proper name	Ambiguity
<u>/非/铸件</u>	Terminological Terms	proper name	Ambiguity
<u>人心/中一/</u>	News	proper name	Ambiguity
<u>中的</u>	News	proper name	Ambiguity
<u>/谭兴兰和/</u>	News	conjunction and person name	Ambiguity
<u>/双/特困户</u>	News	proper name	Ambiguity
<u>张/卓元和</u>	News	conjunction and person name	Ambiguity
<u>/建立和</u>	News	conjunction	Ambiguity
<u>新/一/轮</u>	News	proper name	Unknown Word

Examples of Mistake	Source	Type of Mistake	Source of Mistakes
<u>/还有约/</u>	News	conjunction	Ambiguity
<u>/私家/车主/</u>	News	proper name	Ambiguity
<u>/组成大/篇</u>	Technic	proper name	Ambiguity
<u>离/合/词</u>	Technic	proper name	Unknown Word
<u>/离合词合</u>	Technic	proper name	Ambiguity
<u>/和句群</u>	Technic	conjunction	Ambiguity
<u>字母/串都</u>	Technic	proper name	Ambiguity
<u>切/分歧义/。 /</u>	Technic	proper name	Ambiguity
<u>/定/中/、 /状/中</u>	Technic	proper name	Unknown Word
<u>/在汉语</u>	Technic	conjunction	Ambiguity
<u>/和句法</u>	Technic	conjunction	Ambiguity
<u>/切/分/</u>	Technic	proper name	Unknown Word
<u>用上/下文/</u>	Technic	proper name	Ambiguity
<u>召回/率</u>	Technic	proper name	Ambiguity
<u>/精确/率/</u>	Technic	proper name	Ambiguity
<u>/节明确</u>	Technic	proper name	Ambiguity
<u>开放/带</u>	Politic	proper name	Ambiguity
<u>/卡拉/曼利/斯</u>	Politic	proper name	Ambiguity
<u>双/赢</u>	Politic	proper name	Unknown Word

Source of Mistakes-Unknown Word	26.5%
Source of Mistakes-Ambiguity	73.4%

Source of Mistakes-Unknown Word	
proper name	92%
conjunction and person name	8%

Source of Mistakes-Ambiguity	
proper name	75%
conjunction and person name	5%
conjunction	17%
Date	3%

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# Appendix C

## Resume

### Lezhong Liu

#### PERSONAL INFORMATION

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Name	Lezhong Liu
Marital Status	Single
Nationality	Chinese
Birthday	10-21-1974
Place of Birth	Fu Jian, China
Email	lezhong.liu@gmx.de

#### EDUCATION

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07.1993	College Board Exam
09.1993-07.1997	Studies in International Finance at the Xiamen University in China. Degree: Bachelor of Economics
09.1997-04.1998	Studies of the German language at the Tongji University in Shanghai.
09.1998-03.1999	Studies of the German language and Linguistics at the University of Mannheim.

04.1999-09.2002	Studies of Computational Linguistics (first major) and Educational Science (second major) at the University of Heidelberg. Degree: Master of Arts (Magister)
10.2002-07.2005	PhD program in Computational Linguistics instructed by Professor Franz Guentthner at the Center of Information and Language Processing (CIS), University of Munich. Degree: PhD

#### RESEARCH AND EMPLOYMENT EXPERIENCE

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04.1998-09.1998	Employee at WanGuo Stock Consulting.
02.2000-06.2000	Student employee at Linguattec Development services ( <a href="http://www.linguattec-es.de">www.linguattec-es.de</a> ) Heidelberg, in the area of text corpora for lexicographical work.
11.2000-09.2002	Student employee at the European Media Laboratory ( <a href="http://www.eml.org">www.eml.org</a> ), Heidelberg, in the field of Natural Language Processing, support by Dr. Michael Strube ( <a href="http://www.cis.upenn.edu/">http://www.cis.upenn.edu/</a> ).
03.2004-10.2004	Consultant in the development of business relations between the cities Jindezhen(China) and Mitterteich(Germeny)
09.2004-03.2005	Guest scholar at the Chinese Academy of Science
05.2005-07.2005	Student employee at FAST

#### LANGUAGE SPOKEN

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German	Very Good
English	Very Good
Chinese	Mother Tongue

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AWARDS

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10.1989	Silver Medal at the National Competition of China for optimistic jalor
10.2002-03.2005	FAST Scholarship

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PAPERS

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Master Thesis	Dialogue Act Tagging using the Hidden Markov Model
Doctor Thesis	A Corpus-based Approach to the Chinese Word Segmentation as the First Step Towards a Local Grammar for Chinese Language
Submitted Paper	Lezhong Liu and Jonnanes Goller. Domain Adaptive Chinese Word Segmentation. October 14,2005. ACL-Sighan.

Munich, 06.06.2005

Lezhong Liu